

A photograph of a worker wearing a yellow hard hat and a blue long-sleeved shirt, bent over and clearing brush and small trees in a wooded area. The worker is using a red tool, possibly a chainsaw or brush cutter. The background is filled with thin tree trunks and dense foliage.

# **After Action Report: FAA's Tree and Brush Clearing Project Annette Island, Alaska**

Contract DTFA04-99-P-20129

September-December, 1999



# ANNETTE ISLAND SITE PREPARATION TREE/BRUSH CLEARING FINAL REPORT FAA CONTRACT DTFA04-99-P-20129

## Table of Contents

1.0	Introduction and Project Summary.....	1
A.	Lessons Learned .....	3
B.	Project Difficulties.....	3
2.0	Site-by-Site Description of Accomplishments .....	4
A.	Tank Farm, Site 42 .....	4
B.	Army Beach.....	6
C.	Gear Shed Building 217 .....	7
F.	Old Power Plant.....	9
G.	Equipment Warehouse Building 100.....	10
H.	Auto Repair Shop Building 219 .....	11
I.	Gas Station .....	12
J,K,L.	Personnel Garage Buildings 201, 203, and 205.....	13
M.	Fire Truck Hut.....	14
N.	Garage/Machine Shop Bldg 313 .....	15
P.	PAA Garage at Hangar .....	16
Q.	FAA Storage Yard.....	17
R.	Downed Towers Near NDB .....	20
S.	Sand Shed/Asphalt Plant .....	21
T.	Service Garage Building 314.....	22
V.	Localizer .....	23
W.	Middle Marker Facility.....	24
X.	Glide Slope Facility .....	25
Y.	ACS Transmitter.....	26
Z.	Remote Receiver Station .....	27
	APPENDIX 1 DAILY FIELD REPORTS.....	28

\*Entries for letters E, O, and U are purposely excluded from this list.

## 1.0 Introduction and Project Summary

FAA contract DTFA04-99-P-20129, Brush Cutting/Clearing on Annette Island, Alaska, was awarded to Metlakatla Indian Community (MIC) on September 7, 1999. Clearing work began September 20, 1999 and was completed December 17, 1999. MIC's subcontractor for this project was Metlakatla Power and Light, an entity of the MIC.

Annette Island is located in southeast Alaska, approximately 15 miles south of Ketchikan. Metlakatla, population approximately 1600, is situated at the northern tip of the Metlakatla Peninsula, the only inhabited area of the island. The United States and Canadian governments, along with private companies, leased much of the Metlakatla Peninsula from World War II until the mid-1970s. These entities left abundant evidence of their presence on the island, to include many buildings, miscellaneous equipment, abandoned drums and other materials. Since its abandonment in the 1940s to 1970s, the area has become overgrown with vegetation. This contract was initiated to reclaim the facility sites from the temperate rainforest. After clearing, the sites will be cleared of the above-mentioned structural remains, abandoned equipment, debris, etc. left behind and subsequently revealed through this contract.

The photos on the following page show a pictorial narrative of the project; once trees were felled (see Photo 1), the material was manually hauled (see Photo 3) or slung with a boom truck (Photo 4) to the chipper. One person typically ran the chipper (see Photo 5). At the beginning of the project, wood chips were directed into pickup truck beds for hauling to the Metlakatla Landfill. After only two trips to the landfill using that method, the subcontractor determined it would be a better use of time and resources to stockpile the chips on site for later removal using a backhoe and dump truck (see Photo 6 below).

The site preparation contract as sent to MIC required the contractor to remove trees and brush at the sites identified below, as well as to remove building remains, drums, abandoned equipment, and general site debris. MIC split the contract into two phases: brush clearing and materials removal, such as building remains, drums, abandoned equipment, and drums.

The contract required trees and brush to be felled no more than four inches above ground surface. Smaller material was chipped and hauled off site and, as specified in MIC's *Clearing, Re-vegetation, and Reseeding Plan*, larger logs were limbed and cut into approximately 6-foot lengths and were left stacked on site stacked along the nearest roadway for local residents to retrieve for personal use. Most chips were hauled to two residences very near most of the project clearing work, where the owners had requested the chipped material for landscaping. Woody debris from sites farther away from the above-mentioned residences was hauled to the Metlakatla Landfill for disposal and subsequent burning. A total area of approximately 369,400 square feet (SF) (8½ acres) was cleared in the process of executing this contract, generating approximately 285 cubic yards (CY) of woody debris.





1. Trees were felled using chain saws.



2. Clearing a pathway to the pipeline platforms along Army Beach.



3. Felled material was usually packed out manually.



4. Some material was piled and slung to the chipper using a boom truck.



5. Felled material was fed into the chipper.



6. Chipped material was stockpiled on site and then loaded into a dump truck for hauling.



**A. Lessons Learned**

Communication proved to be an area in need of improvement. For example, contract work was scheduled to begin September 13, 1999, but actually began September 20, 1999. The Metlakatla Indian Community's Contracts and Grants department and the FAA were expecting and prepared to begin work on September 13. Apparently, the subcontractor failed to notify MIC their start date had changed, leaving the FAA contracting officer's technical representative (COTR) on site one week early. This communication difficulty proved to be indicative of what lay ahead. As revealed in the daily field reports, MIC's subcontractor commonly failed to arrive on site in a timely fashion, without notifying the COTR of the change in plans.

**B. Project Difficulties**

Project difficulties were encountered due to relentless inclement weather during nearly the entire tree and brush removal contract. Record rainy and windy weather hampered productivity and even created personnel safety hazards. Additional complexities arose from personnel issues; MIC's subcontractor had difficulty keeping the brush-clearing positions filled.

MIC's decision to split the contract into two phases meant that debris had to be moved and maneuvered around throughout the tree and brush clearing process, whereas if MIC had pursued one subcontractor for the entire project as it was written, the removal and cutting work would have occurred simultaneously.



## 2.0 Site-by-Site Description of Accomplishments

### A. Tank Farm, Site 42

Clearing work began on the tank farm site on September 20, 1999, and continued through October 7, 1999. The scope of work included vegetation clearing inside the fenced area and a 10-12 ft swath around the outer perimeter of the fence. Approximately 27 CY of woody debris were hauled from this approximately 80,000 SF site. Seven of these cubic yards of chipped material were hauled to the Metlakatla landfill and burned, and the other 20 yards were hauled to two nearby residences whose owners had requested the material for landscaping. Several stacks of wood cut in approximately 6-foot lengths were left on site for residents to collect for personal use. See photos 1-10 below, showing brush clearing activities at the tank farm area.

Once clearing work removed the trees near the pump house near the fuel dispensing island, the shoddy structure was extremely susceptible to wind damage, and deteriorated rapidly throughout the project. At the time of this report, the structure has only one wall, partially intact. Clearing work at the tank farm area uncovered previously unnoticed dumped material just beyond the tank farm back fence. These materials consisted of spent fuel and paint containers and fuel filters.



1. Inside the tank farm at former tank cradles prior to clearing work.



2. Inside the tank farm at former tank cradles after clearing work.



3. SE corner of tank farm prior to clearing activities.



4. SE corner of tank farm after partial clearing work.





5. Back (NW) fence line prior to clearing.



6. Back (NW) fence line after clearing work.



7. Interior of tank farm where previous 8 tanks were located, prior to clearing.



8. Interior of tank farm where previous 8 tanks were located, after clearing.



9. Tank farm interior prior to clearing.



10. Tank farm interior after clearing.



## **B. Army Beach**

Clearing activities at the Army Beach tank platform sites included clearing a pathway from the beach up to each tank platform as well as clearing the platforms themselves and a pathway around each. Work began on these sites October 5th and was completed the following day, October 6, 1999.

Due to the isolated nature of and extremely limited access to these sites, the woody debris cleared at these sites was removed from the platforms and pathways and left in the forest in the surrounding area. Approximately 3600 SF were cleared at the combined locations of the tank platforms along Army Beach. No dump areas or other issues of environmental concern were noted during the clearing process at this site. See photos 1-4 below, which show clearing activities at this site.



1. Tank Platform 3 prior to clearing work.



2. Tank Platform 3 after clearing work.



3. Tank Platform 4 prior to clearing work.



4. Tank Platform 4 after clearing work.



### C. Gear Shed Building 217

The scope of work executed at the Gear Shed Building (also known as Bldg 217) included clearing brush in a 10-12 ft pathway from the main dock road to and around the former building, as well as inside the former building's perimeter. Clearing activity on this site began September 28<sup>th</sup> and, although it was mostly complete on October 1, the site was 100% complete on November 2<sup>nd</sup>, 1999. Approximately 2000 SF of clearing at this site yielded approximately 5 CY of chipped woody debris, which were hauled from this site to a nearby residence to be used for landscaping. Felled trees were cut into 4-10 foot lengths and subsequently stacked and left on site for residents to collect for personal use. See photos 1-3 below, showing clearing activities at this site.



1. Building 217 area prior to clearing work.



2. Building 217 area after clearing work.



3. Building 217 after clearing.



**D. 7000 Gallon AST near Bldg 217**

The 7,000 gal aboveground storage tank (AST) described herein sits just off the east side of Butterfly Avenue, close to the corner of Butterfly Avenue and Main Dock Road. Tree and brush clearing activities at this site included clearing a 10-12 ft pathway from Butterfly Avenue to and around the tank. Clearing activity on this site began September 28<sup>th</sup> and, although it was mostly complete on October 1, the site was 100% complete on November 2<sup>nd</sup>, 1999. Approximately 2000 SF of clearing at this site yielded about 5 CY of chipped woody debris, which were hauled from this site to a nearby residence to be used for landscaping. Felled trees were cut into 4-10 foot lengths and subsequently stacked and left on site near the roadway for residents to collect for personal use. See the photo below, which shows this site after clearing work. Prior to clearing activities, the tank was completely concealed from view across the roadway where this photo was taken.



1. 7000 AST after clearing work.



#### F. Old Power Plant

Tree and brush clearing activities at the old power plant included clearing a 10-12 ft pathway around the concrete tank saddles just south of the building and along the pipeline to the building, as well as a 10-12 ft pathway around the building. Work began on this site November 6<sup>th</sup> and continued intermittently until the site was finalized December 2<sup>nd</sup>, 1999. Approximately 5000 SF of clearing at this site yielded about 10 CY of chipped woody debris, which were hauled from this site to a nearby residence to be used for landscaping. Felled trees were cut into 4-10 feet lengths and subsequently stacked and left on site for residents to collect for personal use. See photos 1-4 below, showing clearing activities at this site.

Although building materials and general debris were scattered around the old power house, no previously unknown hazardous substances were noted during or after the brush clearing efforts at this site.



1. Old Power Plant prior to clearing work.



2. Old Power Plant after clearing.



3. Pipeline route from tank saddles to power plant building prior to clearing.



4. Pipeline route from tank saddles to power plant building after clearing.



#### **G. Equipment Warehouse Building 100**

The Equipment Warehouse (Building 100) is located on the west side of Butterfly Avenue, approximately half-way from the corner of Main Dock Road to the gas station. Contracted tree and brush cutting activities at this site included clearing the area within the former building's footprint as well as a 10-12 ft perimeter pathway. Work on this site occurred the week of November 22-26, 1999. Approximately 6000 SF of clearing at this site yielded about 8 CY of chipped woody debris, which were hauled from this site to a nearby residence to be used for landscaping. Felled trees were cut into 4-10 feet lengths and subsequently stacked alongside Butterfly Avenue for residents to collect for personal use. Photos 1-4 (below) show clearing activities at this site.

Although the site is literally covered with decaying building materials, no materials or substances of obvious environmental concern were discovered during the brush clearing operation.



1. Heavy Equipment Warehouse Building 100 prior to clearing work.



2. Heavy Equipment Warehouse Building 100 after clearing work.



3. Entrance to Bldg 100 from across Butterfly Ave prior to clearing.



4. Entrance to Bldg 100 from across Butterfly Ave after clearing.



#### H. Auto Repair Shop Building 219

The Auto Repair Shop (Building 219) is also located on the west side of Butterfly Avenue, across the street from the gas station. Clearing work at this site included the area within the former building's footprint as well as a 10-12 ft pathway around the perimeter, to the outer FAA Storage Yard boundary on the north side. Work on this sub-parcel within the FAA Storage Yard began November 3<sup>rd</sup> and continued intermittently until it was finished December 2, 1999. Approximately 5000 SF of clearing at this site yielded about 8 CY of chipped woody debris, which were hauled from this site to a nearby residence to be used for landscaping. Felled trees were cut into 4-10 feet lengths and subsequently stacked alongside Butterfly Avenue for residents to collect for personal use. Photos 1-3 below show clearing activities at this site.

All discernable remains of this building have been removed or have decayed; no structure or foundation materials remain to any appreciable degree. The many other items revealed during the brush clearing operations appear to be benign in nature and present no cause for environmental concern.



1. FAA Storage Yard in the area of Bldg 219 prior to clearing work.



2. FAA Storage Yard in the area of Bldg 219 after clearing work.



3. Building 219 area after clearing. Note northern boundary of FAA storage yard.



## I. Gas Station

The gas station (Site 49) is, at the date of this report, intact and is located on the east side of Butterfly Avenue, approximately 275 ft north of the intersection of Butterfly and 28<sup>th</sup> St. Tree and brush cutting at this site included an area north of the building as well as a pathway around the building's perimeter, which approached the slough behind the building to the east. The area north of the gas station was cleared to expose piping in the area which was previously disguised by vegetation. Clearing activities at the gas station began on October 8<sup>th</sup>, and although most work at this site was completed by October 13, work was finalized December 14, 1999. A cleared area of approximately 10,000 SF at this site (building and drive areas included) yielded about 7 CY of chipped woody debris, which were hauled from this site to a nearby residence to be used for landscaping. Felled trees were cut into 4-10 foot lengths and subsequently stacked alongside Butterfly Avenue for residents to collect for personal use. No issues of environmental concern were brought up whilst clearing this site, and no previously unknown objects or "surprises" were discovered. Photos 1-4 below show clearing activities at this site.



1. North of the gas station prior to clearing work.



2. North of the gas station after clearing work.



3. South of the gas station prior to clearing work.



4. South of the gas station after clearing work.

### **J,K,L. Personnel Garage Buildings 201, 203, and 205**

Former personnel garage buildings 201, 203, and 205 were located on the east side of Butterfly Avenue, between the intersection of Butterfly and 28<sup>th</sup> St and the gas station (Site 49). Tree and brush cutting at these sites was combined so the cleared area and efforts associated therewith were contiguous. The cleared area stretched north-south from 28th St to the gas station and east-west from the slough east of the site to Butterfly Avenue. Clearing activities at the personnel garages area began on October 11<sup>th</sup>, and although most work at this site was completed by November 2, work was finalized December 14, 1999. A cleared area of approximately 40,000 SF at this site (building and drive areas included) yielded about 17 CY of chipped woody debris, which were hauled from this site to a nearby residence to be used for landscaping. Felled trees were cut into 4-10 foot lengths and subsequently stacked alongside Butterfly Avenue and 28<sup>th</sup> St for residents to collect for personal use.

No issues of environmental concern were brought up whilst clearing this site. However, large amounts of roofing sheet metal, left after the building was burned for fire training, remain at the site and may migrate from or around the site due to the high winds in the newly opened area. Debris material and appliances which had gone unnoticed before were noted in the slough on the eastern site border. See Photos 1-3 below.



1. Personnel Garages Area prior to clearing work.



2. Personnel Garages Area after clearing. Note small building visible in background.



3. Personnel garages area after clearing.



#### **M. Fire Truck Hut**

The Fire Truck Hut (Site 50) is, at the time of this report, still intact and lies on the west side of Butterfly Avenue, approximately 150-200 ft north of the intersection of Butterfly and 28<sup>th</sup> St. Tree and brush cutting at this site was combined with the clearing associated with the larger FAA Storage Yard. The cleared area for the fire truck hut consists of the perimeter around the building: east to Butterfly Avenue, and approximately 10-12 ft around the north, west and south sides of the building. Clearing activities at the fire truck hut began on October 11<sup>th</sup>, and although most work at this site was completed by October 13, work was finalized December 14, 1999. A cleared area of approximately 10,000 SF at this site (building and drive areas included) yielded about 7 CY of chipped woody debris, which were hauled from this site to a nearby residence to be used for landscaping. Felled trees were cut into 4-10 foot lengths and subsequently stacked alongside Butterfly Avenue for residents to collect for personal use.

It was noted that once the surrounding trees were removed, the fire truck hut appears significantly more vulnerable to wind damage. No issues of environmental concern were brought up whilst clearing this site, and no previously unknown objects or "surprises" were discovered. Photos 1 and 2 below show clearing activities at this site.



1. Fire truck hut prior to clearing work.



2. Fire truck hut after clearing work.

#### N. Garage/Machine Shop Bldg 313

The former Garage and Machine Shop, Building 313 (Site 51) was situated on the northwest corner of the Butterfly Avenue-28<sup>th</sup> St intersection. Tree and brush cutting at this site was combined with the clearing associated with the larger FAA Storage Yard. The cleared area for the garage/machine shop stretched east to Butterfly Avenue, south to 28<sup>th</sup> St, and approximately 10-12 ft around the west and north sides of the former building. Clearing activities at this site began on October 21<sup>st</sup> and were completed on November 2, 1999. A cleared area of approximately 10,000 SF at this site (building and drive areas included) yielded about 8 CY of chipped woody debris, which were hauled from this site to a nearby residence to be used for landscaping. Felled trees were cut into 4-10 foot lengths and subsequently stacked alongside Butterfly Avenue and 28<sup>th</sup> St for residents to collect for personal use.

No issues of environmental concern were noted or brought up whilst clearing this site, and no previously unknown objects or "surprises" were discovered. However, large amounts of roofing sheet metal, left after the building was burned for fire training, remain at the site and may migrate from or around the site due to the high winds in the newly opened area. Photos 1-4 below show clearing activities at this site.



1. Building 313 area of the FAA storage yard along 28<sup>th</sup> St prior to clearing.



2. Building 313 area of the FAA storage yard along 28<sup>th</sup> St after clearing.



3. Building 313 area of the FAA storage yard along Butterfly Ave prior to clearing.



4. Building 313 area of the FAA storage yard along Butterfly Ave after clearing.



**P. PAA Garage at Hangar**

Today the former Pan-American Airways garage, located south of the hangar, remains only as a rock fireplace. Tree and brush cutting at this site was actually nearer to the former control tower site, immediately below and west of the tower legs to the nearby roadway. The area was cleared in order to access an underground storage tank in the area and also to access any potentially contaminated soil associated with the tank. The cleared area for the PAA garage line item extended approximately 30 ft x 40 ft (1,200 SF). Clearing activities took only one day at this site (November 6, 1999), and the approximately 2 CY of chipped woody debris were removed on December 1, 1999. All felled trees were removed and, along with the chipped material, hauled to the Metlakatla Landfill for disposal.

It was noted by the FAA's COTR that after the MIC subcontractor cut and removed the trees in that area, more trees were cut by an unknown party and left on site. No issues of environmental concern were brought up whilst clearing this site, and no previously unknown objects or "surprises" were discovered. Photos 1-3 below show clearing activities at this site.



1. Control tower base near PAA garage prior to clearing activities.



2. Control tower base after clearing work.



3. Control tower base after clearing work.

**Q. FAA Storage Yard**

The FAA Storage Yard, situated on the northwest corner of the Butterfly Avenue-28<sup>th</sup> St intersection, occupies approximately 180,000 SF (inclusive of buildings and drive areas). Tree and brush cutting at this site was combined with the clearing associated with three smaller sites within the storage yard area: the auto repair shop building (219), the fire truck hut (building 220), and the garage/machine shop building (313). Other former building carcasses also occupy the storage yard area, but the only standing structure is the fire truck hut. The cleared area for the storage yard is composed of 325 ft north along Butterfly Avenue and 575 ft west along 28<sup>th</sup> St from the intersection of the above named streets, resulting in approximately 4 acres of cleared area. Clearing activities at this site began on October 21<sup>st</sup> and were completed on December 17, 1999. This site languished on the "to do" list partly due to its size and partly due to performing work at other sites while this one was in progress. Clearing these four acres at the storage yard area yielded about 170 CY of chipped woody debris, which were hauled from this site to two nearby residences to be used for landscaping. Felled trees were cut into 4-10 feet lengths and subsequently stacked alongside Butterfly Avenue and 28<sup>th</sup> St for residents to collect for personal use.

No issues of environmental concern were brought up whilst clearing this site, and although many more objects than previously known were revealed, no "surprises" or hazardous materials were discovered. Photos 1-12 below show clearing activities at this site.



1. Interior of FAA Storage Yard prior to clearing.



2. Interior of FAA Storage Yard after clearing.





3. FAA Storage Yard back corner fence post prior to clearing.



4. FAA Storage Yard back corner fence post after clearing.



5. FAA Storage Yard at back corner fence post.



6. FAA Storage Yard at back corner fence post after clearing.



7. FAA Storage Yard along 28<sup>th</sup> St. before clearing.



8. FAA Storage Yard along 28<sup>th</sup> St. after clearing.



9. FAA Storage Yard along Butterfly Ave before clearing.



10. FAA Storage Yard along Butterfly Ave after clearing. Note fire truck hut visible.



11. FAA Storage Yard across from gas station prior to clearing.



12. FAA Storage Yard across from gas station after clearing.



#### **R. Downed Towers Near NDB**

Near the existing NDB lie the remains of four abandoned towers which were downed and have been partially removed for recycling. Tree and brush cutting at this site was limited to the area around and to the western-most tower base. All cutting work on this site was complete on November 6<sup>th</sup> and the material was removed (bringing the site to 100% completion) on December 1<sup>st</sup>, 1999. A cleared area of approximately 700 SF at this site yielded about 2 CY of chipped woody debris, which were hauled from this site to the Metlakatla landfill for disposal.

No issues of environmental concern were brought up whilst clearing the downed tower near the NDB, and no previously unknown objects or "surprises" were discovered. Photos 1-4 below show clearing activities at this site.



1. Near NDB at abandoned downed tower during clearing operations.



2. Near NDB at abandoned tower after clearing operations.



3. Abandoned downed tower near NDB prior to clearing.



4. Abandoned downed tower near NDB after clearing activities.



### S. Sand Shed/Asphalt Plant

The area to be cleared near the sand shed/asphalt plant (no longer a standing structure) was to have been in the area of a 25,000 gallon fuel storage tank. The tank was not successfully located and the area cleared is the most probable tank location, as determined by FAA's COTR. This area was surrounded by man-made berms on two sides, a slough on one side, and a backfilled and compacted access roadway on the other. All cutting work on this site was complete on December 6<sup>th</sup> and the material was removed (bringing the site to 100% completion) on December 7<sup>th</sup>, 1999. A cleared area of approximately 3300 SF at this site yielded about 3 CY of woody debris, which were hauled from this site to the Metlakatla landfill for disposal.

No issues of environmental concern were noted or brought up whilst clearing this site, and no previously unknown objects or "surprises" were discovered. Photos 1-4 below show clearing activities at this site.



1. Sand shed/asphalt plant area prior to clearing activities.



2. Sand shed/asphalt plant area after clearing.



3. Sand shed/asphalt plant area of probable tank location, prior to clearing.



4. Sand shed/asphalt plant area of probable tank location, after clearing. Note upright drum visible after clearing.



#### **T. Service Garage Building 314**

The service garage Building 314 (Site 55) remains only as a concrete pad and metal door frame on the south side of 28<sup>th</sup> St just west of the intersection with Butterfly Avenue. Tree and brush cutting at this site included the area over an underground storage tank adjacent to the building area. Clearing activities at the service garage building only encompassed one day's work, November 9, 1999. Felled material to be chipped was hauled across the street to the FAA storage yard and chipped there. A cleared area of approximately 8,000 SF at this site (building and drive areas included) yielded about 3 CY of chipped woody debris, which were hauled from this site to a nearby residence to be used for landscaping. Logs from felled trees were cut into 4-10 feet lengths and subsequently stacked alongside 28<sup>th</sup> St for residents to collect for personal use.

Clearing activities at this site allowed better evaluation of the many vehicles and other abandoned equipment and materials. As the trees and brush were cleared away, the sheer number of vehicles present behind the site became more evident. Although no specific areas of obvious contamination were noted, the dense vehicle population in back of this site may be a source of contamination. See Photos 1 and 2 below, showing the site after clearing work.



1. Building 314 area after clearing. Note vehicle carcasses in back of site.



2. Building 314 after clearing work. Former UST location is at right of photo.

## V. Localizer

At this time of this report, the localizer facility (Site 80) was partially still standing but was lacking structural integrity. Tree and brush cutting at this site was scant, only requiring removal of two small trees. These two trees were removed and the site work was complete November 6, 1999. The trees were hauled to the Metlakatla Landfill for disposal.

No issues of environmental concern were brought up whilst clearing this site, and no previously unknown objects or "surprises" were discovered. Photos 1-3 show clearing activities at this site.



1. Localizer building prior to clearing project.



2. Localizer building after clearing work.



3. Localizer building after clearing activities.



#### **W. Middle Marker Facility**

The Middle Marker facility (Site 24), at the time of this report, was still an intact structure, but without a door the facility will likely deteriorate rapidly. The Middle Marker is located off Canoe Cove Road. Tree and brush cutting at this site was necessary only to affect a 10-12 ft clearing around the building. Clearing work took only one day (November 6, 1999) to execute. Materials felled at this site were loaded onto trucks and hauled to the Metlakatla landfill for disposal and subsequent burning.

No issues of environmental concern were brought up whilst clearing this site, and no previously unknown objects or "surprises" were discovered. Photos 1-3 below show clearing activities at this site. Photo 1, the only "before" photo only shows a small portion of the cleared area; the area behind the facility. Photo 3 clearly shows the "after" condition of the cleared area.



1. Middle marker facility prior to clearing.



2. Middle marker facility after clearing.



3. Cleared area at middle marker facility, behind building.

#### **X. Glide Slope Facility**

The glide slope facility (Site 36) is located just west of the sand shed/asphalt plant near the northeastern end of Runway A. All contract requirements for cutting and removing trees and brush at this site were completed in one day, November 6, 1999. Approximately 2500 SF were cleared in the process of executing contract requirements at the glide slope facility, resulting in approximately 2 CY of woody debris being hauled to the Metlakatla Landfill for disposal.

No issues of environmental concern were brought up whilst clearing this site, and no hazardous materials were discovered. Photos 1-3 below show clearing activities at this site.



1. Glide slope facility prior to clearing, taken from roadway.



2. Glide slope facility after clearing, taken from roadway.



3. Glide slope facility prior to clearing, taken from inside glide slope area.



#### Y. ACS Transmitter

The ACS transmitter facility (Site 23) remains only as a building foundation and miscellaneous building materials strewn about the site. Tree and brush cutting at this site was scant, only requiring removal of an alder bunch growing up through the building foundation and small brushy material in front of the building. The ACS transmitter was one of several sites begun and completed November 6, 1999. The felled material was hauled to the Metlakatla Landfill for disposal.

No issues of environmental concern were brought up whilst clearing this site, and no previously unknown objects or "surprises" were discovered. Photos 1 and 2 below show clearing activities at this site.



1. ACS transmitter site prior to clearing. Alder bunch growing through foundation (on left) is barely visible.



2. ACS transmitter site after clearing work.

## **Z. Remote Receiver Station**

The remote receiver facility (Site 63) is located off the main road from Metlakatla to the Hangar. The building is a concrete block structure and is substantially intact and structurally sound. Tree and brush cutting at this site was scant, only requiring removal of two small trees. The ACS transmitter was one of several sites begun and completed November 6, 1999. The felled material was hauled to the Metlakatla Landfill for disposal.

No issues of environmental concern were brought up whilst clearing this site, and no previously unknown objects or "surprises" were discovered. Photos 1-4 below show clearing activities at this site.



1. Front view of remote receiver station prior to clearing work.



2. Front view of remote receiver station after clearing activities.



3. Rear of remote receiver station, prior to clearing work.



4. Rear of remote receiver station, after clearing activities.



**APPENDIX 1**  
**DAILY FIELD REPORTS**

## FAA Annette Island Daily Field Report

Project: Brush Clearing	Date: 92099
Site Name Tank Farm	Site Number: 42
Weather: Sunny, calm, turned OC, but gen. pleasant day.	OTM: LDJ
Start Time MP&L: 8:45am	Stop Time: 3:30pm

### Work Completed Today:

Began cutting trees at tank farm. Initial cutting to clear area for access, then return and cut to <4" ags. Initially began hauling chips away to the MTM dump, and then determined they were waiting too long for the pickup truck to make the round trip. So we identified a mutually acceptable spot on the site to SP chips and they'll load and haul them later.

### Comments:

Met @ MIC City Hall at 8am as scheduled - neither MIC env. Dept. nor MP&L were there. Laura Wellington called env. Ofc - no answer. Then she called MP&L and set up for me to proceed directly to their offices. Met the crew at MP&L and said a few words about safety and the project purpose--clean as possible to make way for the debris removal as well as the RI rigs.

### Problems Encountered:

Position:	Employee:
Gen Labr	Ralph Carmona
Gen Labr	Bob Clark
Gen Labr	Chris Mowers
Gen Labr	Frank Taylor
Foreman	Carl Gaube

### Corrective Actions Taken:

### Visitors:

Jeff Benson - MIC env. Dept, MP&L board  
Doug Askren - MP&L board

Picture #:	Picture Description:
1	Bald Eagle, Tamgas Harbor
2	Tank farm, before work started
3	Tank farm, before work started
4	Tank farm, before work started
5	Tank farm, before work started
6	Beach side fence line/corner
7	Back fence line
8	Former tank cradles inside farm
9	Existing tanks thru brush ins. far
10	Tank farm where 8 tanks were
11	Wood chipping operation

### Equipment Used:

Pickup trucks: 3  
Chipper: 1  
Chainsaws: 2  
Safety outfits (hard hats, safety glasses, gloves, ear plugs): 5

### Scheduled Work for Tomorrow:

Continue cutting and chipping vegetation at tank farm.

5073	Area cleared today (SF)
2 (p/u)	Loads of chips hauled, not burned
	Vehicles removed today
	Loads of bldg mat'l hauled
	Batteries recovered today
	Drums removed today



## FAA Annette Island Daily Field Report

Project: Brush Clearing	Date: 92199
Site Name Tank Farm	Site Number: 42
Weather: Mostly Cldy, OC, calm.	OTM: LDJ
Start Time 8-8:30am	Stop Time: 3:15pm

**Work Completed Today:**  
 Continued cutting and chipping vegetation at tank farm. Stockpiled (SP) chipped material on site and will load and haul with BIA dump truck. Also worked at Bldg 314, which was scheduled for later in the project, so CH2OH can access tank at that location.

**Comments:**

Problems Encountered:	Position:	Employee:
	Gen Labr	Bob Clark
	Foreman	Carl Gaube
	Gen Labr	Ralph Carmona
	Gen Labr	Chris Mowers
	Gen Labr	Frank Taylor

**Corrective Actions Taken:**

Visitors:	Picture #:	Picture Description:
Floyd Russell, MP&L		No pictures taken today.

**Equipment Used:**  
 Pickup Trucks: 3  
 Chipper: 1  
 Chainsaws: 2  
 Safety Outfits (hard hats, safety glasses, gloves, ear plugs): 5

**Scheduled Work for Tomorrow:**  
 Continue cutting and chipping at tank farm.

	5467	Area cleared today (SF)
	0	Loads of chips hauled/burned
	0	Vehicles removed today
	0	Loads of bldg mat'l hauled
	0	Batteries recovered today
	0	Drums removed today

## FAA Annette Island Daily Field Report

Project: Brush Clearing	Date: 92299
Site Name Tank Farm	Site Number: 42
Weather: High wind warning, heavy rain.	OTM: LDJ
Start Time NA	Stop Time: NA

Work Completed Today:

No Work completed today - winds too heavy to cut trees.

Comments:

Problems Encountered:

Position:

Employee:

Corrective Actions Taken:

Visitors:

Picture #:

Picture Description:

No pictures taken today.

Equipment Used:

Scheduled Work for Tomorrow:

Continue cutting and chipping at tank farm.

0

Area cleared today (SF)

0

Loads of chips hauled/burned

0

Vehicles removed today

0

Loads of bldg mat'l hauled

0

Batteries recovered today

0

Drums removed today



## FAA Annette Island Daily Field Report

Project: Brush Clearing	Date: 92399
Site Name Tank Farm	Site Number: 42
Weather: Heavy rain, calm winds.	OTM: LDJ
Start Time 8:15-9am	Stop Time: 4pm

### Work Completed Today:

Continued cutting/clearing at the tank farm. Looked at doing other sites near the tank farm as the tank farm is very wet and in some cases standing water is nearly 1 ft deep. Brought out backhoe and cut into berm around where 8 former tanks were. Also worked on general road drainage in the area.

### Comments:

Had a hard time getting started this am - looked at other nearby sites to see if they were any dryer, etc.  
Decided tank farm would be as good as any.  
Carl Gaube trying to coordinate getting a dump truck loaned from BIA.

### Problems Encountered:

One of the contractor's employees quit.

### Position: Employee:

Gen Labr	Bob Clark
Foreman	Carl Gaube
Gen Labr	Ralph Carmona
Gen Labr	Frank Taylor

### Corrective Actions Taken:

Carl Gaube went to the TERO and got two new employees to begin paperwork process. Expect both to start Monday.

### Visitors:

Alice Walker, MTM resident getting wood  
Francis Dundas, MTM resident getting wood

### Picture #: Picture Description:

12	Tank F. after partial brush clearin
13	Tank removal at hangar
14	Tank removal at hangar

### Equipment Used:

Pickup Trucks: 2  
Chipper: 1  
Chainsaws: 2  
Safety Outfits (hard hats, safety glasses, gloves, ear plugs): 4  
Backhoe: 1

### Scheduled Work for Tomorrow:

Continue cutting and chipping at tank farm.

1500*	Area cleared today (SF)
0	Loads of chips hauled/burned
0	Vehicles removed today
0	Loads of bldg mat'l hauled
0	Batteries recovered today
0	Drums removed today

## FAA Annette Island Daily Field Report

Project: Brush Clearing	Date: 92499
Site Name Tank Farm	Site Number: 42
Weather: Light rain all day, calm.	OTM: LDJ
Start Time 8:45am	Stop Time: 3:15pm

### Work Completed Today:

Continued cutting/clearing at the tank farm.

### Comments:

Progress slow today - only two guys on site for first half of day, and with no chipper. After lunch Carl brought the chipper and progress picked up. He had been working on getting the two new fellows through the paperwork req'ts. One guy will have to be replaced with a secondary replacement, as he was unable to pass drug screenin. Expecting high productivity Monday with additional two new crew members and predicted fair weather.

### Problems Encountered:

Position:	Employee:
Gen Labr	Bob Clark
Foreman	Carl Gaube
Gen Labr	Ralph Carmona
Gen Labr	Frank Taylor

### Corrective Actions Taken:

### Visitors:

Picture #:	Picture Description:
	No pictures taken today.

### Equipment Used:

Pickup Trucks: 2  
 Chipper: 1  
 Chainsaws: 2  
 Safety Outfits (hard hats, safety glasses, gloves, ear plugs): 4

### Scheduled Work for Tomorrow:

Continue cutting and chipping at tank farm, with two new fellows on crew.

2000*	Area cleared today (SF)
0	Loads of chips hauled/burned
0	Vehicles removed today
0	Loads of bldg mat'l hauled
0	Batteries recovered today
0	Drums removed today



## FAA Annette Island Daily Field Report

Project: Brush Clearing	Date: 92799
Site Name Tank Farm	Site Number: 42
Weather: Foggy, then partly sunny, very calm	OTM: LDJ
Start Time 9am	Stop Time: 3:30pm

### Work Completed Today:

Continued cutting/clearing at the tank farm. Spent am removing trees which had been cut last week and chipping the material. Frank Taylor (of MP&L) arrived with a boom truck to yard out the cut/stacked material from within the tank farm.

Chip material is still being stockpiled on site awaiting the use of the BIA dump truck.

### Comments:

Ira White (of BIA) driving the BIA 5 CY dump truck. Got one load hauled then had mechanical trouble, expected to be out 2 days.

New employees Eddie Dunne and Glenn Blandov started today, hired from the TERO.

### Problems Encountered:

Had some mechanical trouble today - chipper needed new knife blades and also had to be "unplugged" - had become clogged.  
Also, a rock got in the chipper and wrecked havoc.  
Dump truck out for repairs for 2 days.

### Position:

### Employee:

Gen Labr	Bob Clark
Foreman	Carl Gaube
Gen Labr	Ralph Carmona
Gen Labr	Frank Taylor
Gen Labr	Eddie Dunne*
Gen Labr	Glenn Blandov*

\*New TERO employees

### Corrective Actions Taken:

Spent some time performing maintenance on the chipper, and the BIA dump truck is awaiting parts arrival.

### Visitors:

Dawn Carmona - Nearby resident.

### Picture #:

### Picture Description:

1	Loading chips into BIA dump truck
2	Using boom truck to yard out material

### Equipment Used:

Pickup Trucks: 2                      5 CY BIA Dump Truck: 1  
Chipper: 1  
Chainsaws: 2  
Safety Outfits (hard hats, safety glasses, gloves, ear plugs): 6  
Boom truck: 1

### Scheduled Work for Tomorrow:

Continue cutting and chipping at tank farm.

1000*	Area cleared today (SF)
1 (5 CY)	Loads of chips hauled
0	Vehicles removed today
0	Loads of bldg mat'l hauled
0	Batteries recovered today
0	Drums removed today

\*Estimated

## FAA Annette Island Daily Field Report

Project: Brush Clearing	Date: 92899
Site Name Tank Farm, Gear Shed Bldg 217, 7000 gal AST	Site Number: 42 and vicinity
Weather: Heavy winds, heavy rain. Wind calmed in aftn.	OTM: LDJ
Start Time: 8:15-9am	Stop Time: 3:30pm

### Work Completed Today:

Pulled out material that's already been cut at the tank farm. Also cut material around Bldg 217 (Gear Shed Bldg), as that area is protected from the heavy winds. In afternoon moved over to the 7000 gal AST and cleared/pulled out brush there. All required cutting is complete at Bldg 217, but material still has to be chipped. Tank farm cutting is 80% complete, 7000 gal AST cutting is 85% complete. All material from the 7000 gal AST site remains unchipped, and large amounts remain unchipped from the tank farm. The crew did not use the chipper today; the foreman said the material is too wet to chip.

### Comments:

<b>Problems Encountered:</b>	<b>Position:</b>	<b>Employee:</b>
High winds	Gen Labr	Bob Clark
	Foreman	Carl Gaube
	Gen Labr	Ralph Carmona
	Gen Labr	Eddie Dunne
	Gen Labr	Glenn Blandov
<b>Corrective Actions Taken:</b>		
This am - will start by pulling out felled trees - so crew won't have to worry about wind interfering with cutting/falling trees.		
Later in am - moved to Bldg 217 where protected from high winds.		
<b>Visitors:</b>	<b>Picture #:</b>	<b>Picture Description:</b>
Tony Wagner, CH2MHill		Attempted picture of 7000 gal AST prior to chipping - picture did not show up in camera memory.
Kyle Brown, Discovery Drilling		
Russ Renk, NISC/FAA-AAL-471		
Floyd Russell, MP&L		
<b>Equipment Used:</b>		
Pickup Trucks: 2		
Chainsaws: 2		
Safety Gear (hard hats, safety glasses, gloves, ear plugs): 5		
<b>Scheduled Work for Tomorrow:</b>		
Catch up with all the chipping to do! Will chip material hauled out from tank farm, Bldg 217 and 7000 gal AST.	5378	Area cleared today (SF)
Also finish cutting around 7000 gal AST.	0	Loads of chips hauled
	0	Vehicles removed today
	0	Loads of bldg mat'l hauled
	0	Batteries recovered today
	0	Drums removed today



## FAA Annette Island Daily Field Report

Project: Brush Clearing	Date: 92999
Site Name Tank Farm, Gear Shed Bldg 217, 7000 gal AST	Site Number: 42 and vicinity
Weather: Sunny, calm	OTM: LDJ
Start Time: 8:30-9am	Stop Time: 3:30pm

### Work Completed Today:

Chipped lots of material that was hauled out yesterday or cut yesterday, from each of the sites named above. Some cutting today, but limited cutting - spent most effort on chipping wood already cut.

### Comments:

I went out and found the fourth tank platform along Army Beach, and also marked the pathway from the beach to each platform.

Russ Renk and I went through the FAA Gas Station area to see what needs to be cleared, and marked the tanks we could find in that area.

Problems Encountered:	Position:	Employee:
	Gen Labr	Bob Clark
	Foreman	Carl Gaube
	Gen Labr	Ralph Carmona
	Gen Labr	Eddie Dunne
	Gen Labr	Glenn Blandov
Corrective Actions Taken:		
Visitors:	Picture #:	Picture Description:
Russ Renk, NISC/FAA-AAL-471	No pictures taken today.	
Equipment Used:		
Pickup Trucks: 2		
Chainsaws: 2		
Safety Gear (hard hats, safety glasses, gloves, ear plugs): 5		
Chipper: 1		
Scheduled Work for Tomorrow:		
No work scheduled for tomorrow, as tomorrow is last day of the month, which is the day the crew reads electric meters.		
Work scheduled for Friday will include clearing around outer perimeter of tank farm.	1000*	Area cleared today (SF)
	0	Loads of chips hauled
	0	Vehicles removed today
	0	Loads of bldg mat'l hauled
	0	Batteries recovered today
	0	Drums removed today

\*Estimated

## FAA Annette Island Daily Field Report

Project: Brush Clearing	Date: 93099
Site Name NA	Site Number: NA
Weather: NA	OTM: LDJ
Start Time: NA	Stop Time: NA

**Work Completed Today:**

No work on this project was completed today, as it is the last day of the month and the crew reads electric meters on the last work day of the month.

**Comments:**

I went out and cleared a pathway from the tank farm to Platforms 1 and 2 following the pipeline route.

Problems Encountered:	Position:	Employee:
-----------------------	-----------	-----------


**Corrective Actions Taken:**


**Visitors:**

Russ Renk, NISC/FAA-AAL-471	No pictures taken today.
-----------------------------	--------------------------


**Equipment Used:**


### Scheduled Work for Tomorrow:

Clear material around outer perimeter of tank farm.		
---	--	--

	0	Area cleared today (SF)
	0	Loads of chips hauled
	0	Vehicles removed today
	0	Loads of bldg mat'l hauled
	0	Batteries recovered today
	0	Drums removed today



## FAA Annette Island Daily Field Report

Project: Brush Clearing	Date: 100199
Site Name Tank Farm, Gear Shed Bldg 217, 7000 gal AST	Site Number: 42 and vicinity
Weather: Sunny, calm	OTM: LDJ
Start Time: 8:30am	Stop Time: 3:15pm

### Work Completed Today:

Worked on cutting in between tanks and around outer perimeter of tank farm. Also still hauling out wood that's already been cut.

### Comments:

Crew brought out the chipper in the morning but never fired it up, then took it back at lunch. No chipping today.

Crew member Bob Clark is filling in for another MP&L position today, so is not on the crew.

Also noted that the 9-week schedule completion date is approaching and we still have not achieved completion on one site. 95% complete at 7,000 gal AST--chip pile has not been removed yet. 90% complete at Bldg 217.

Some light cleaning up to do, and chip pile has not been removed yet. 87% complete at tank farm. Cutting and hauling left.

### Problems Encountered:

Position:	Employee:
Foreman	Carl Gaube
Gen Labr	Ralph Carmona
Gen Labr	Eddie Dunne
Gen Labr	Glenn Blandov

### Corrective Actions Taken:

### Visitors:

Russ Renk, NISC/FAA-AAL-471

Picture #:	Picture Description:
	No pictures taken today.

### Equipment Used:

Pickup Trucks: 2

Chainsaws: 2

Safety Gear (hard hats, safety glasses, gloves, ear plugs): 4

### Scheduled Work for Tomorrow:

Monday continue working around outer perimeter of tank farm, chipping cut material.

1000*	Area cleared today (SF)
0	Loads of chips hauled
0	Vehicles removed today
0	Loads of bldg mat'l hauled
0	Batteries recovered today
0	Drums removed today

\*Estimated

## FAA Annette Island Daily Field Report

Project: Brush Clearing	Date: 100499
Site Name Tank Farm	Site Number: 42
Weather: Overcast, light rain, calm	OTM: LDJ
Start Time 9:15am	Stop Time: 3:45pm

### Work Completed Today:

Worked on cutting in between tanks and around outer perimeter of tank farm. Also still hauling out wood that's already been cut.

### Comments:

Crew brought out the chipper in the afternoon, ran chipper from 1pm-3:45pm. Also brought boom truck on site for same hours.

Spoke with Carl Gaube re: schedule. I noted that it will be difficult to adhere to 9-wk projected completion at the current rate of progress. I also told him the debris removal/building remains removal and RI contracts have been delayed until the new year and March, respectively. I also told him that as a result of those contracts being pushed back, the brush clearing contract could proceed through the sites in MP&L's desired order.

Problems Encountered:	Position:	Employee:
	Foreman	Carl Gaube
	Gen Labr	Ralph Carmona
	Gen Labr	Eddie Dunne
	Gen Labr	Glenn Blandov
Corrective Actions Taken:		
Visitors:	Picture #:	Picture Description:
	3	Tank farm back fence line
	4	Former cradles inside farm
Equipment Used:		
Pickup Trucks: 2		
Chainsaws: 2		
Safety Gear (hard hats, safety glasses, gloves, ear plugs): 4		
Chipper: 1 (3 hrs only)		
Boom Truck: 1 (3 hrs only)		
Scheduled Work for Tomorrow:		
Finalize cutting around perimeter of tank farm, perhaps begin work on tank platforms along Army Beach.	1000*	Area cleared today (SF)
	0	Loads of chips hauled
	0	Vehicles removed today
	0	Loads of bldg mat'l hauled
	0	Batteries recovered today
	0	Drums removed today

\*Estimated



## FAA Annette Island Daily Field Report

Project: Brush Clearing	Date: 100599
Site Name Tank Farm area (Army Beach tank platforms)	Site Number: 42 (vicinity - Army Beach)
Weather: Overcast, light rain, breezy	OTM: LDJ
Start Time: 8:45am	Stop Time: 3:30pm

### Work Completed Today:

Began to work on tank platforms at Army Beach. Cut pathways from the beach to the platforms plus on and around the platforms in 6 ft swaths.

### Comments:

I took the crew out this morning and showed them the platforms and also each of the platform indicators from the beach.

I worked on blazing a trail from the tank from to each of the platforms, following the pipeline route.

Bob Clark is still filling in for injured MP&L worker on another project, and Ralph Carmona is filling in for someone else today.

Brought chipper out in am but never fired it up - did not bring it out in afn.

### Problems Encountered:

Position:	Employee:
Foreman	Carl Gaube
Gen Labr	Eddie Dunne
Gen Labr	Glenn Blandov

### Corrective Actions Taken:

### Visitors:

Picture #:	Picture Description:
1	Platform 3
2	Platform 4

### Equipment Used:

Pickup Trucks: 1  
Chainsaws: 3  
Safety Gear (hard hats, safety glasses, gloves, ear plugs): 3

### Scheduled Work for Tomorrow:

Finalize cutting pathways from the beach to each of the four tank platforms along Army Beach, as well as cutting on/around each platform.

2520	Area cleared today (SF)
0	Loads of chips hauled
0	Vehicles removed today
0	Loads of bldg mat'l hauled
0	Batteries recovered today
0	Drums removed today

## FAA Annette Island Daily Field Report

Project: Brush Clearing	Date: 100699
Site Name Tank Farm area and Army Beach tank platforms	Site Number: 42 (vicinity - Army Beach)
Weather: Overcast, light rain, calm	OTM: LDJ
Start Time: 9am	Stop Time: 3:45pm

### Work Completed Today:

Finished clearing on and around all platforms along Army Beach, including pathways from the beach to each platform. Chipped material from the tank farm in the afternoon.

### Comments:

I went over to the FAA gas station and marked off the area to be cut.

The crew will bypass Bldg 100 and 219, to first tackle the FAA gas station area. Then they'll do Bldg 100 and 219, just across the road from the gas station.

Crew member Bob Clark is still filling in for injured MP&L worker on another project.

Problems Encountered:	Position:	Employee:
Karol Johnson noted a hydraulic fluid stain on the ground in front of the tank farm. Further investigation proved this to be "bleeding" or staining from the cut alder wood.	Foreman	Carl Gaube
	Gen Labr	Eddie Dunne
	Gen Labr	Glenn Blandov
	Gen Labr	Ralph Carmona
Corrective Actions Taken:		
The CH2/OH crew on site to pick up fuel/water mix from pipelines mopped up what they thought was free product but was actually alder "bleeding" or staining.		
Visitors:	Picture #:	Picture Description:
Karol Johnson, NISC/FAA-AAL-471	3	Carl cutting pathway to PF 4
	4	Platform (PF) 4 after clearing
	5	PF 3 after clearing
	6	PF 3 after clearing
	7	Entrance to Bldg 100 from road
	8	N side of gas station
	9	S side of gas station
	10	Bldg 100
	11	7000 gal AST after brush clearin
	12	A @ gas stn to be cut
Equipment Used:		
Pickup Trucks: 2	13	Bldg 217 after brush clearing
Chainsaws: 3	14	Bldg 217 after brush clearing
Safety Gear (hard hats, safety glasses, gloves, ear plugs): 4		
Chipper: 1 (afternoon only)		
Scheduled Work for Tomorrow:		
Finalize cutting in tank farm and chip material.		
Perhaps begin cutting in FAA gas station area.	1000	Area cleared today (SF)
	3 - 3CY	Loads of chips hauled
	0	Vehicles removed today
	0	Loads of bldg mat'l hauled
	0	Batteries recovered today
	0	Drums removed today



## FAA Annette Island Daily Field Report

Project: Brush Clearing	Date: 100799
Site Name Tank Farm area	Site Number: 42
Weather: Overcast, light rain, breezy	OTM: LDJ
Start Time: 8:30-9am	Stop Time: 3:45pm

### Work Completed Today:

Chipped final material from tank farm. Stacked alder sections in central place. Went through and made sure felled material was cut to less than 4" above ground surface.

### Comments:

John Hayward and Frank Taylor will perform maintenance on the chipper and chainsaws in afternoon while others tidy up the tank farm.

Carl and Ralph and I went up to the FAA gas station to plan tomorrow's work. I showed them the area I had marked out to be cut.

Small area cut today reflects cleanup/final work being conducted at tank farm.

### Problems Encountered:

Position:	Employee:
Foreman	Carl Gaube
Gen Labr	Eddie Dunne
Gen Labr	Glenn Blandov
Gen Labr	Bob Clark
Gen Labr	Frank Taylor
Gen Labr	John Hayward
Gen Labr	Ralph Carmona

### Corrective Actions Taken:

### Visitors:

Floyd Russel, MP&L

Picture #:	Picture Description:
No pictures taken today.	

### Equipment Used:

Pickup Trucks: 3  
Chainsaws: 3  
Safety Gear (hard hats, safety glasses, gloves, ear plugs): 7  
Chipper: 1 (morning only)  
Boom truck: 1 (morning only)  
Scheduled Work for Tomorrow:  
Begin work at FAA gas station.

200	Area cleared today (SF)
0	Loads of chips hauled
0	Vehicles removed today
0	Loads of bldg mat'l hauled
0	Batteries recovered today
0	Drums removed today

## FAA Annette Island Daily Field Report

Project: Brush Clearing	Date: 100899
Site Name Gas Station area	Site Number: 49
Weather: Ptly cloudy, light rain, breezy	OTM: KLJ
Start Time: 8:30-9am	Stop Time: 3:00pm

### Work Completed Today:

Began clearing the area to the south and north of the gas station. Cut and chipped trees and brush.

### Comments:

Departed the site a little early to do maintenance on equipment.

### Problems Encountered:

#### Position:

#### Employee:

Foreman	Carl Gaube
Gen Labr	Eddie Dunne
Gen Labr	Glenn Blandov
Gen Labr	Bob Clark
Gen Labr	Frank Taylor
Gen Labr	John Hayward

### Corrective Actions Taken:

### Visitors:

#### Picture #:

#### Picture Description:

No pictures taken today.

### Equipment Used:

Pickup Trucks: 3

Chainsaws: 3

Safety Gear (hard hats, safety glasses, gloves, ear plugs): 6

Chipper: 1

### Scheduled Work for Tomorrow:

Continue working at FAA gas station.

9762	Area cleared today (SF)
0	Loads of chips hauled
0	Vehicles removed today
0	Loads of bldg mat'l hauled
0	Batteries recovered today
0	Drums removed today



# FAA Annette Island Daily Field Report

Project:	Brush Clearing	Date:	101199
Site Name	Gas Station/Personnel Garage Area	Site Number:	49 and vicinity
Weather:	Overcast, breezy	OTM:	LDJ
Start Time:	8:30-9am	Stop Time:	3:45pm

**Work Completed Today:**

Continued clearing at the gas station and on to Bldg 201 (Personnel Garage) area. Cleared back to the creek behind the buildings.

**Comments:**

Noticed debris in the creek/slough behind bldgs which had not been noted before - scrap metal, appliances, etc.

Problems Encountered:	Position:	Employee:
	Foreman	Carl Gaube
	Gen Labr	Eddie Dunne
	Gen Labr	Glenn Blandov
	Gen Labr	Bob Clark
	Gen Labr	Ralph Carmona

**Corrective Actions Taken:**

Visitors:	Picture #:	Picture Description:
Floyd Russell, MP&L	No pictures taken today.	

**Equipment Used:**

**Pickup Trucks: 2**

Chainsaws: 3

**Safety Gear (hard hats, safety glasses, gloves, ear plugs): 5**

Chipper: 1

### Scheduled Work for Tomorrow:

Continue cutting/chipping at the gas station and personnel garages.

	9762	Area cleared today (SF)
	0	Loads of chips hauled
	0	Vehicles removed today
	0	Loads of bldg mat'l hauled
	0	Batteries recovered today
	0	Drums removed today

## FAA Annette Island Daily Field Report

Project: Brush Clearing	Date: 101299
Site Name: FAA gas station, Personnel Garage 201	Site Number: 49 and vicinity
Weather: High wind warning, heavy rain.	OTM: LDJ
Start Time: NA	Stop Time: NA

### Work Completed Today:

No Work completed today - all city offices/entities closed half-day for funeral services, as well as high winds hampering tree cutting.

### Comments:

### Problems Encountered:

Position:

Employee:

### Corrective Actions Taken:

### Visitors:

Picture #:

Picture Description:

No pictures taken today.

### Equipment Used:

### Scheduled Work for Tomorrow:

Continue cutting and chipping at the gas station and nearby personnel garages.

0

Area cleared today (SF)

0

Loads of chips hauled/burned

0

Vehicles removed today

0

Loads of bldg mat'l hauled

0

Batteries recovered today

0

Drums removed today

## FAA Annette Island Daily Field Report

Project: Brush Clearing	Date: 101399
Site Name Gas Station/Personnel Garage Area	Site Number: 49 and vicinity
Weather: Overcast, breezy, sunny breaks	OTM: LDJ
Start Time: 8:15-9:45am	Stop Time: 3:30pm

### Work Completed Today:

Continued clearing at the gas station and Bldgs 201 and 203 (Personnel Garage) area. Cleared back to the creek behind the buildings. Began day by chipping all material left from Monday's clearing activities, then cut more material and chipped simultaneously in the afternoon.

### Comments:

Work in this area is proceeding faster than around the tank farm area, most likely due to better working conditions - less mud and water to slog through.

Problems Encountered:	Position:	Employee:
	Foreman	Carl Gaube
	Gen Labr	Eddie Dunne
	Gen Labr	Glenn Blandov
	Gen Labr	Bob Clark
	Gen Labr	Ralph Carmona
Corrective Actions Taken:		
Visitors:	Picture #:	Picture Description:
Floyd Russell, MP&L	No pictures taken today.	
Equipment Used:		
Pickup Trucks: 2		
Chainsaws: 3		
Safety Gear (hard hats, safety glasses, gloves, ear plugs): 5		
Chipper: 1		
Scheduled Work for Tomorrow:		
Continue cutting/chipping at the gas station and personnel garages.		
	7826	Area cleared today (SF)
	0	Loads of chips hauled
	0	Vehicles removed today
	0	Loads of bldg mat'l hauled
	0	Batteries recovered today
	0	Drums removed today



## FAA Annette Island Daily Field Report

Project: Brush Clearing	Date: 101499
Site Name Gas Station/Personnel Garage Area	Site Number: 49 and vicinity
Weather: Overcast, sunny breaks, lt rain, calm	OTM: LDJ
Start Time: 8:30-9:30am	Stop Time: 3:30pm

### Work Completed Today:

Began in the morning by trying to burn a pile of cut/stacked but not chipped material. Were not successful in sustaining a flame. Continued day cutting and stacking material and will try to burn pile again at later date.

### Comments:

Carl Gaube was not on site today - had other responsibilities at the plant today.

### Problems Encountered:

#### Position:

#### Employee:

Gen Labr	Eddie Dunne
Gen Labr	Glenn Blandov
Gen Labr	Bob Clark
Gen Labr	Ralph Carmona

### Corrective Actions Taken:

### Visitors:

#### Picture #:

#### Picture Description:

No pictures taken today.

### Equipment Used:

Pickup Trucks: 2

Chainsaws: 4

Safety Gear (hard hats, safety glasses, gloves, ear plugs): 4

### Scheduled Work for Tomorrow:

Continue cutting/chipping at the personnel garages, chip material cut to date at these locations.

2000\*

Area cleared today (SF)

0

Loads of chips hauled

0

Vehicles removed today

0

Loads of bldg mat'l hauled

0

Batteries recovered today

0

Drums removed today

\*Estimated

## FAA Annette Island Daily Field Report

Project: Brush Clearing	Date: 101599
Site Name: Personnel Garages (201, 203, 205) Area	Site Number: 49 and vicinity
Weather: Overcast, breezy, lt rain	OTM: LDJ
Start Time: 8:30am	Stop Time: 3:45pm

### Work Completed Today:

Cut and stacked material in the personnel garages area. Brought out chipper for morning only. Chipped small amount of material.

### Comments:

Met with Carl Gaube this morning regarding status of project schedule. He mentioned the crew would be thinning due to vacations, etc. We mentioned the crew pace had picked up due partly to better terrain than the tank farm, plus getting a system down for the work. We also discussed that the area actually needing clearing at the gas station was less than called for in the contract which was a good trade for the vaguely worded work required at the tank platforms along Army Beach.

I marked out the area of the FAA Storage Yard which needs to be cleared. The contract calls for 500 x 500 area. In actuality, the area needing clearing is approximately 575 x 325, which is 63,000 SF less than required in the contract. In addition, three sites listed separately in the contract lie within that 575 x 325 area (Bldg 313, Fire Truck Hut, and Bldg 219).

Problems Encountered:	Position:	Employee:
	Gen Labr	Eddie Dunne
	Gen Labr	Glenn Blandov
	Gen Labr	Bob Clark
	Gen Labr	Ralph Carmona
	Gen Labr	John Hayward - am only
	Gen Labr	Frank Taylor - am only
Corrective Actions Taken:		
Visitors:	Picture #:	Picture Description:
	1	Personnel Garage Area
	2	Personnel Garage Area
	3	Bob Clark falling a tree
	4	Eddie Dunne hauling cut mat'l
Equipment Used:		
Pickup Trucks: 2		
Chainsaws: 4		
Safety Gear (hard hats, safety glasses, gloves, ear plugs): 6		
Chipper: 1 (morning only)		
Boom Truck: (morning only, and was never used)		
Scheduled Work for Tomorrow:		
Continue cutting/chipping at the personnel garages, chip material cut to date at these locations.	3000*	Area cleared today (SF)
	0	Loads of chips hauled
	0	Vehicles removed today
	0	Loads of bldg mat'l hauled
	0	Batteries recovered today
	0	Drums removed today

\*Estimated

## FAA Annette Island Daily Field Report

Project: Brush Clearing	Date: 101899
Site Name Personnel Garages 201, 203, 205	Site Number: 49 and vicinity
Weather: Foggy, calm	OTM: LDJ
Start Time NA	Stop Time: NA

Work Completed Today:

No Work completed today - all city offices/entities closed for Alaska Day.

Comments:

Problems Encountered:

Position:

Employee:

Corrective Actions Taken:

Visitors:

Picture #:

Picture Description:

No pictures taken today.

Equipment Used:

Scheduled Work for Tomorrow:

Continue cutting and chipping at the personnel garages area

0

Area cleared today (SF)

0

Loads of chips hauled/burned

0

Vehicles removed today

0

Loads of bldg mat'l hauled

0

Batteries recovered today

0

Drums removed today



## FAA Annette Island Daily Field Report

Project: Brush Clearing	Date: 101999
Site Name: Personnel Garages (201, 203, 205) Area	Site Number: 49 and vicinity
Weather: Foggy, misty	OTM: LDJ
Start Time: 8:30am	Stop Time: 3:45pm

### Work Completed Today:

Began the day by continuing to cut and stack material at the personnel garages area. Also have rubber-tired CASE 580 Super L backhoe out loading a 5 CY dump truck (from LP).

### Comments:

The chipper was not used in the morning.

Took two loads of chips to the MTM dump. After that, Lisa Bryant (MP&L Manager's wife) stopped by and requested the chips be hauled to their residence instead. As their residence is only about 800 feet from the work site, the crew and I agreed. Hauling to their residence saves time and gas with the dump truck.

The chip hauling operation is going really fast with the delivery site being so close.

### Problems Encountered:

Position:	Employee:
Gen Labr	Eddie Dunne
Gen Labr	Glenn Blandov
Gen Labr	Bob Clark
Gen Labr	Ralph Carmona
Gen Labr	Frank Taylor
Foreman	Carl Gaube

### Corrective Actions Taken:

Gen Labr	Chris Mowers
Gen Labr	John Hayward - for transportation only - came by site once in am and once at lunch to p/u Frank Taylor.

### Visitors:

Picture #:	Picture Description:
Lisa Bryant, MP&L Manager's wife	
No pictures taken today.	

### Equipment Used:

Pickup Trucks: 2	Backhoe: 1
Chainsaws: 4	
Safety Gear (hard hats, safety glasses, gloves, ear plugs): 7	
Chipper: 1 (aftn only)	
Dump Truck (5 CY from LP): 1	

### Scheduled Work for Tomorrow:

Continue cutting/chipping at the personnel garages, chip material cut to date at these locations.	2000*	Area cleared today (SF)
	15 (5CY)	Loads of chips hauled
	0	Vehicles removed today
	0	Loads of bldg mat'l hauled
	0	Batteries recovered today
	0	Drums removed today

\*Estimated

## FAA Annette Island Daily Field Report

Project: Brush Clearing	Date: 102099
Site Name Personnel Garages (201, 203, 205) Area	Site Number: 49 and vicinity
Weather: Foggy, misty	OTM: LDJ
Start Time: 10:30am	Stop Time: 4pm
Work Completed Today:	

Chipped material that was already cut at the personnel garages area. Also hauling chipped material to Bryant residence with the backhoe (no dump truck). Also cut about 12-15 trees which were still standing in this area. The gas station and personnel garages all are ~80% done. All material is cut as of COB today; however, there is still quite a bit of chipping to do, as well as final site tidying.

### Comments:

Carl Gaube was not with the crew today. He was performing other duties at the diesel plant, and for the same reasons, the crew got an extra late start today.

The crew is using a different procedure for chipping today - each person hauls their material to the chipper and chips it themselves, so that if someone is at the chipper when they arrive, they stand there and wait, material in hand, until their "turn" at the chipper. At times there are 3-4 crew members waiting in line to get to the chipper. Previously one person ran the chipper while the other members hauled material and stacked it near the chipper.

Problems Encountered:	Position:	Employee:
	Gen Labr	Eddie Dunne
	Gen Labr	Glenn Blandov
	Gen Labr	Bob Clark
	Gen Labr	Ralph Carmona
	Gen Labr	Frank Taylor
	Gen Labr	Chris Mowers
Corrective Actions Taken:		
Visitors:	Picture #:	Picture Description:
	No pictures taken today.	
Equipment Used:		
Pickup Trucks: 2		
Chainsaws: 1		
Safety Gear (hard hats, safety glasses, gloves, ear plugs): 6		
Chipper: 1		
Backhoe: 1		
Scheduled Work for Tomorrow:		
Continue chipping/hauling, tidying sites at the personnel garages.		
	100	Area cleared today (SF)
	16 - 1CY	Loads of chips hauled
	0	Vehicles removed today
	0	Loads of bldg mat'l hauled
	0	Batteries recovered today
	0	Drums removed today

## FAA Annette Island Daily Field Report

Project: Brush Clearing	Date: 102199
Site Name Personnel Garages Area and FAA Storage Yard	Site Number: 49/51 and vicinity
Weather: High winds, heavy rain	OTM: LDJ
Start Time: 8:45-9:30am	Stop Time: 10am

**Work Completed Today:**

Beginning work: Crew chose to cut material in storage yard even during the heavy winds even though there is still lots of work to do without cutting trees over in the personnel garages area.

The boom truck arrived at 9am and the crew switched to pulling out and chipping material from the personnel garages area.

## Comments:

During the 10 o'clock break the crew decided the weather is too inclement to work outside and decided to work on equipment maintenance the rest of the day.

I went with the crew back to the shop to discuss crew vacation schedules and reminding the crew to refrain from littering on site.

Problems Encountered:	Position:	Employee:
	Gen Labr	Eddie Dunne
	Gen Labr	Glenn Blandov
	Gen Labr	Bob Clark
	Gen Labr	Ralph Carmona
	Gen Labr	Frank Taylor
	Gen Labr	Chris Mowers
Corrective Actions Taken:	Gen Labr	John Hayward

**Corrective Actions Taken:**


**Visitors:**

	No pictures taken today.

**Equipment Used:**

Pickup Trucks: 2 (am only)		
Chainsaws: 2 (am only)		
Safety Gear (hard hats, safety glasses, gloves, ear plugs): 7		
Chipper: 1 (am only)		
Boom Truck: 1(am only)		

### Scheduled Work for Tomorrow:

Continue chipping, at the personnel garages and cutting in the FAA storage yard area.

	0	Loads of chips hauled
	0	Vehicles removed today
	0	Loads of bldg mat'l hauled
	0	Batteries recovered today
	0	Drums removed today



## FAA Annette Island Daily Field Report

Project: Brush Clearing	Date: 102299
Site Name FAA Storage Yard	Site Number: 51
Weather: Raining	OTM: LDJ
Start Time: 9am	Stop Time: 3:30pm

### Work Completed Today:

Began work at the storage yard - two crew members falling trees and two others stacking the material within the storage yard area.

### Comments:

The crew took break at 10 o'clock today and work after break did not commence until 10:50. Similarly, after lunch (ordinarily from 12-1) the crew started work at 2pm. Perhaps the extended breaks are due to the foreman's absence.

Problems Encountered:	Position:	Employee:
	Gen Labr	Eddie Dunne
	Gen Labr	Glenn Blandov
	Gen Labr	Chris Mowers
	Gen Labr	Ralph Carmona

Corrective Actions Taken:		

Visitors:	Picture #:	Picture Description:
	1	FAA Storage yard
	2	FAA Storage yard
	3	Fire Truck Hut, FAA Storage Yar
	4	FAA Storage yard

Equipment Used:		
Pickup Trucks: 1		
Chainsaws: 2		
Safety Gear (hard hats, safety glasses, gloves, ear plugs): 4		

Scheduled Work for Tomorrow:		
Continue clearing at site 51 and chip material from the personnel garages area.		
	10200	Area cleared today (SF)
	0	Loads of chips hauled
	0	Vehicles removed today
	0	Loads of bldg mat'l hauled
	0	Batteries recovered today
	0	Drums removed today

## FAA Annette Island Daily Field Report

Project: Brush Clearing	Date: 102599
Site Name Personnel Garages/FAA Storage Yard	Site Number: 49/51
Weather: High winds, rain	OTM: LDJ
Start Time NA	Stop Time: NA

Work Completed Today:

No Work completed today due to inclement weather.

Comments:

Problems Encountered:

Position:

Employee:

Corrective Actions Taken:

Visitors:

Picture #:

Picture Description:

No pictures taken today.

Equipment Used:

Scheduled Work for Tomorrow:

Continue clearing at site 51 and chip material from the personnel garages area.

0

Area cleared today (SF)

0

Loads of chips hauled/burned

0

Vehicles removed today

0

Loads of bldg mat'l hauled

0

Batteries recovered today

0

Drums removed today

## FAA Annette Island Daily Field Report

Project: Brush Clearing	Date: 102699
Site Name: FAA Storage Yard	Site Number: 51
Weather: Ptly sunny, breezy, rain	OTM: LDJ
Start Time: 8:30am	Stop Time: 4pm

### Work Completed Today:

Continued clearing trees in the FAA Storage Yard Area. No chipping today.

### Comments:

10 o'clock break again approached the 1-hr mark. Carl is not on the project site today.

### Problems Encountered:

Position:	Employee:
Gen Labr	Eddie Dunne
Gen Labr	Glenn Blandov
Gen Labr	Chris Mowers
Gen Labr	Ralph Carmona

### Corrective Actions Taken:

### Visitors:

Picture #:	Picture Description:
	No pictures taken today.

### Equipment Used:

Pickup Trucks: 1	
Chainsaws: 2	
Safety Gear (hard hats, safety glasses, gloves, ear plugs): 4	

### Scheduled Work for Tomorrow:

Continue clearing at site 51.

7200	Area cleared today (SF)
0	Loads of chips hauled
0	Vehicles removed today
0	Loads of bldg mat'l hauled
0	Batteries recovered today
0	Drums removed today



## FAA Annette Island Daily Field Report

Project: Brush Clearing	Date: 102799
Site Name FAA Storage Yard	Site Number: 51
Weather: High clouds, breezy, NO RAIN!	OTM: LDJ
Start Time: 1pm	Stop Time: 4pm

### Work Completed Today:

Continued clearing trees in the FAA Storage Yard Area. No chipping today.

### Comments:

Crew failed to show up this morning and also failed to notify me of schedule change. I went over to the shop at 11am, and Carl said the crew would come out after lunch. He and Ralph were changing out leaking batteries.

Problems Encountered:	Position:	Employee:
	Gen Labr	Eddie Dunne
	Gen Labr	Glenn Blandov
	Gen Labr	Chris Mowers
	Gen Labr	Bob Clark

### Corrective Actions Taken:

### Visitors:

### Picture #: Picture Description:

No pictures taken today.

### Equipment Used:

Pickup Trucks: 1

Chainsaws: 2

Safety Gear (hard hats, safety glasses, gloves, ear plugs): 4

### Scheduled Work for Tomorrow:

Continue clearing at site 51.

1982	Area cleared today (SF)
0	Loads of chips hauled
0	Vehicles removed today
0	Loads of bldg mat'l hauled
0	Batteries recovered today
0	Drums removed today

## FAA Annette Island Daily Field Report

Project: Brush Clearing	Date: 102899
Site Name: FAA Storage Yard	Site Number: 51
Weather: Ptlly sunny, breezy, lt rain	OTM: LDJ
Start Time: 9:15am	Stop Time: 4pm

### Work Completed Today:

Continued clearing trees in the FAA Storage Yard Area. No chipping today.

### Comments:

### Problems Encountered:

### Position:

### Employee:

Gen Labr	Eddie Dunne
Gen Labr	Glenn Blandov
Gen Labr	Chris Mowers
Gen Labr	Ralph Carmona

### Corrective Actions Taken:

### Visitors:

### Picture #:

### Picture Description:

No pictures taken today.

### Equipment Used:

Pickup Trucks: 1

Chainsaws: 2

Safety Gear (hard hats, safety glasses, gloves, ear plugs): 4

### Scheduled Work for Tomorrow:

Continue clearing at site 51.

4224	Area cleared today (SF)
0	Loads of chips hauled
0	Vehicles removed today
0	Loads of bldg mat'l hauled
0	Batteries recovered today
0	Drums removed today

## FAA Annette Island Daily Field Report

Project: Brush Clearing	Date: 102999
Site Name FAA Storage Yard	Site Number: 51
Weather: Moderately windy, moderate to heavy rain	OTM: LDJ
Start Time: NA	Stop Time: NA

**Work Completed Today:**

No work on this project today

**Comments:**

I went over to the MP&L shop at 7:30am this morning, to confirm the crew's plans for the day and also to make copies of some contract material for Carl. I left there at 8am to head out to the site, and Carl told me they'd be right behind me as I was leaving. I waited on site...Carl showed up at 10:30am to tell me the crew would not be working today.

Carl and I met for approximately 0.5 hr on site, when he said the crew would not be working partly due to inclement weather, partly due to crew morale, and partly due to the line crew (not on this crew) having a line down in town.

[illegible]

**Corrective Actions Taken:**


**Visitors:**

	No pictures taken today.

**Equipment Used:**


**Scheduled Work for Tomorrow:**

Continue clearing at site 51.

	0	Area cleared today (SF)
	0	Loads of chips hauled
	0	Vehicles removed today
	0	Loads of bldg mat'l hauled
	0	Batteries recovered today
	0	Drums removed today



## FAA Annette Island Daily Field Report

Project: Brush Clearing	Date: 110199
Site Name FAA Storage Yard	Site Number: 51 and 49B
Weather: High winds, cloudy	OTM: LDJ
Start Time: 10:30am	Stop Time: 3:45pm

### Work Completed Today:

Chipped the previously cut/stacked material in the FAA Storage Yard and some from the personnel garages area. Also felled three spruce trees.

### Comments:

Crew showed up on site at 10:30, without a notification phone call to me in the morning. Ralph Carmona (MP&L) had to change out a starter in another MP&L vehicle, while the other crew members (from TERO) sat around at the shop and waited for him.

When the crew finally showed up, they worked quickly and efficiently despite the high winds.

Problems Encountered:	Position:	Employee:
	Gen Labr	Ralph Carmona
	Gen Labr	Eddie Dunne
	Gen Labr	Glenn Blandov
	Gen Labr	Chris Mowers

### Corrective Actions Taken:

Visitors:	Picture #:	Picture Description:
	No pictures taken today.	

### Equipment Used:

Pickup Trucks: 1

Chipper: 1

Chainsaws: 1

Safety Gear Sets: 4

### Scheduled Work for Tomorrow:

Continue clearing at site 51.

	<10	Area cleared today (SF)
	0	Loads of chips hauled
	0	Vehicles removed today
	0	Loads of bldg mat'l hauled
	0	Batteries recovered today
	0	Drums removed today

## FAA Annette Island Daily Field Report

Project: Brush Clearing	Date: 110299
Site Name: FAA Storage Yard	Site Number: 51, 49, and 42
Weather: Moderately windy, heavy rain	OTM: LDJ
Start Time: 8:30am	Stop Time: 4pm
Work Completed Today:	

Chipped the previously cut/stacked material in the FAA Storage Yard and some from the personnel garages area.

Also finalized loose ends at the tank farm, building 217, and the 7000 gal AST, so that each of the aforementioned sites are complete. Add the tank platforms along Army Beach to finish the list of completed sites.

### Comments:

I met with Carl Gaube @ the MP&L shop this a.m. - I said he really needs to be the one who tells the crew what still needs to be done at the sites.

The crew will be thinning significantly starting as early as tomorrow. Ed Dunne and Ralph Carmona have vacations, and Carl will be filling in for someone else at the shop.

Lunch was prolonged (11:50-2:30) due to required maintenance on the chipper performed at the MP&L shop.

One crew member spent most of day working on falling trees (outside contracted area) for personal use. Not sure if he was on payroll today or not.

Carl Gaube and Floyd Russell came by the site in the afternoon. We discussed vacation schedules, work planned for tomorrow, etc.

Problems Encountered:	Position:	Employee:
	Gen Labr	Ralph Carmona
	Gen Labr	Eddie Dunne
	Gen Labr	Glenn Blandov
	Gen Labr	Chris Mowers

Corrective Actions Taken:		

Visitors:	Picture #:	Picture Description:
Floyd Russell, MP&L	No pictures taken today.	
Carl Gaube, MP&L		

Equipment Used:		
Pickup Trucks: 1		
Chipper: 1		
Chainsaws: 1		
Safety Gear Sets: 4		

Scheduled Work for Tomorrow:		
Continue chipping, perhaps clearing too, at site 51. Also, if boom truck is operational, perhaps sling stacked mat'l from site 49 and chip it.	0	Area cleared today (SF)
	0	Loads of chips hauled
	0	Vehicles removed today
	0	Loads of bldg mat'l hauled
	0	Batteries recovered today
	0	Drums removed today

## FAA Annette Island Daily Field Report

Project: Brush Clearing	Date: 110399
Site Name FAA Storage Yard	Site Number: 51
Weather: Sunny, calm	OTM: LDJ
Start Time: 8:30am	Stop Time: 3:45pm

### Work Completed Today:

Worked on clearing (cutting and stacking only - no chipping) in the FAA Storage Yard, specifically in the Bldg 219 area.

### Comments:

Garth, Lillian, Russ and I visited the sites. The general consensus was that the work looks good, but we are somewhat concerned about the schedule.

Garth, Lillian, Russ and I met with MIC contracts/grants dept. (Paul Brendible and Laura Wellington) and discussed the project - asked MIC for a revised schedule and some info about what Jeff Benson is doing on the project for his 1/4 time paid under this contract.

### Problems Encountered:

Position:	Employee:
Foreman	Carl Gaube
Gen Labr	Ralph Carmona
Gen Labr	Glenn Blandov
Gen Labr	Chris Mowers

### Corrective Actions Taken:

### Visitors:

Garth Beyette, FAA AAL-471  
Lillian Demoski, FAA Contracting Officer  
Russ Collins, AIM support to Contracting

Picture #:	Picture Description:
No pictures taken today.	

### Equipment Used:

Pickup Trucks: 2  
Chainsaws: 2  
Safety Gear Sets: 4

### Scheduled Work for Tomorrow:

Continue clearing in site 51 area.

6408	Area cleared today (SF)
0	Loads of chips hauled
0	Vehicles removed today
0	Loads of bldg mat'l hauled
0	Batteries recovered today
0	Drums removed today



## FAA Annette Island Daily Field Report

Project: Brush Clearing	Date: 110499
Site Name FAA Storage Yard	Site Number: 51
Weather: OC, lt rain, calm in a.m., breezy in aftn	OTM: LDJ
Start Time: 8:30am	Stop Time: 3:45pm

### Work Completed Today:

Worked on clearing (cutting and stacking only - no chipping) in the FAA Storage Yard, specifically in the Bldg 219 area.

### Comments:

Carl Gaube is not on site today, as he is operating at the plant. Ralph Carmona worked part of the morning on this project and then left for vacation, to return to the project 11/22. Eddie Dunne is also on vacation as of yesterday, to return 11/8.

I met with Carl Gaube this a.m. and briefed him of the meeting Garth, Lillian, Russ and I had with MIC contracting yesterday.

Problems Encountered:	Position:	Employee:
	Gen Labr	Ralph Carmona (<1/2 day)
	Gen Labr	Glenn Blandov
	Gen Labr	Chris Mowers
	Gen Labr	Bob Clark

### Corrective Actions Taken:

Visitors:	Picture #:	Picture Description:
Frank Taylor, MP&L	No pictures taken today.	
John Hayward, MP&L		
David Schewhem, MP&L		

### Equipment Used:

Pickup Trucks: 2 (1 for <1/2 day)

Chainsaws: 3

Safety Gear Sets: 4

### Scheduled Work for Tomorrow:

Continue clearing in site 51 area.

Haul chipped material from site.	3024	Area cleared today (SF)
	0	Loads of chips hauled
	0	Vehicles removed today
	0	Loads of bldg mat'l hauled
	0	Batteries recovered today
	0	Drums removed today

## FAA Annette Island Daily Field Report

Project: Brush Clearing	Date: 110599
Site Name FAA Storage Yard	Site Number: 51
Weather: OC, lt rain, breezy	OTM: LDJ
Start Time: 8:15am	Stop Time: 3:45pm

### Work Completed Today:

Worked on cutting, stacking, chipping and hauling in the FAA Storage Yard, specifically in the Bldg 219 area.

### Comments:

Carl Gaube (foreman) is on site today--work is progressing well.

I visited sites R, S, and V-Z as numbered in the contract with Carl Gaube this afternoon. There is very little clearing work to be done at those sites. Accordingly, the schedule does not look as bleak as before.

### Problems Encountered:

#### Position: Employee:

Foreman	Carl Gaube
Gen Labr	Glenn Blandov
Gen Labr	Chris Mowers
Gen Labr	Bob Clark
Gen Labr	David Schewhem

### Corrective Actions Taken:

### Visitors:

Frank Taylor, MP&L  
John Hayward, MP&L

#### Picture #: Picture Description:

1	FAA Storage yard, mid-way
---	---------------------------

### Equipment Used:

Pickup Trucks: 2  
Chainsaws: 2  
Safety Gear Sets: 5  
Backhoe: 1  
Chipper: 1

### Scheduled Work for Tomorrow:

Work at sites V-Z on contract, as they require little work and will be done quickly.

2958	Area cleared today (SF)
16 hoe	Loads of chips hauled
0	Vehicles removed today
0	Loads of bldg mat'l hauled
0	Batteries recovered today
0	Drums removed today

## FAA Annette Island Daily Field Report

Project: Brush Clearing	Date: 110699
Site Name LOC, ACS xmtr, rmt recvr, Glide Slope, NDB, Old Pwr P	Site Number: 80, 36, 23, 63, 19, 62, and 24
Weather: OC, rainy, moderately windy	OTM: LDJ
Start Time: 8:15-8:30am	Stop Time: 3:30pm

### Work Completed Today:

Went around to sites which require little cutting, and completed all contract requirements for the following: localizer (v), remote receiver station (z), glide slope (x), ACS transmitter (y). All cutting work is complete at the following sites, with chip removal still required: near the NDB (r), middle marker (w), and the area around the PAA garage tank (p). Work also began at the old power plant.

### Comments:

The contractor is working on these sites at the bottom of the itemized list to improve their record of completion.

Today's work brings the total sites 100% complete to eight sites (Sites A, B, C, D, V, X, Y, and Z). Three sites are 95% complete (Sites R, W, and P), four sites are 80% complete (Sites I, J, K, and L).

Carl Gaube (MP&L) and I discussed the time remaining in the originally-scheduled 9 weeks: The FAA was made aware that the 9-week schedule was exclusive of weather and other power responsibility delays. If we take out the weather days and days not worked due to power providing responsibilities, holidays, etc. and put those days at the end of the schedule, it adds 7 work days to the 9 week schedule.

Problems Encountered:	Position:	Employee:
	Foreman	Carl Gaube
	Gen Labr	Glenn Blandov
	Gen Labr	Chris Mowers
	Gen Labr	Bob Clark

Corrective Actions Taken:		

Visitors:	Picture #:	Picture Description:
	2	Middle Marker facility prior to cle
	3	Middle Marker facility - 2 prior to
	4	Glide Slope prior to clearing
	5	LOC facing N, prior to clearing
	6	LOC facing W, prior to clearing
	7	Control Twr near PAA garage pri
	8	Remote Rcvr, front view, prior to
	9	Remote Rcvr, side view, prior to
	10	ACS xmtr site prior to clearing
	11	Near NDB, abandoned twr platfo
	12	Near NDB, abandoned twr platfo

Equipment Used:		
Pickup Trucks: 2		
Chainsaws: 2		
Safety Gear Sets: 4		
Chipper: 1 (1/2 day)		

Scheduled Work for Tomorrow:		
Return to work on the FAA Storage Yard.		
	4863	Area cleared today (SF)
	2 PU	Loads of chips hauled
	0	Vehicles removed today
	0	Loads of bldg mat'l hauled
	0	Batteries recovered today
	0	Drums removed today



## FAA Annette Island Daily Field Report

Project: Brush Clearing	Date: 110899
Site Name FAA Storage Yard	Site Number: 51
Weather: Heavy rain, windy gusts	OTM: LDJ
Start Time: 8:30am	Stop Time: 3:45pm

### Work Completed Today:

Continued clearing work in FAA Storage yard. Cutting, stacking and hauling material (no chipping today). Also, Carl and Dave repaired flat tire on backhoe in a.m.

### Comments:

Carl Gaub (MP&L) informed me on of the employees from TERO (Chris Mowers) will no longer be working on the project - injured himself at home.

Problems Encountered:	Position:	Employee:
	Foreman	Carl Gaube
	Gen Labr	Glenn Blandov
	Gen Labr	Eddie Dunne
	Gen Labr	Bob Clark
	Gen Labr	David Schwehm
Corrective Actions Taken:		
Visitors:	Picture #:	Picture Description:
John Hayward, MP&L	No pictures taken today.	
Equipment Used:		
Pickup Trucks: 2		
Chainsaws: 2		
Safety Gear Sets: 5		
Backhoe: 1		
Scheduled Work for Tomorrow:		
Continue clearing at the FAA Storage Yard.		
Also work on Bldg 314 (Site T on this contract).	10650	Area cleared today (SF)
	12 hoe	Loads of chips hauled
	0	Vehicles removed today
	0	Loads of bldg mat'l hauled
	0	Batteries recovered today
	0	Drums removed today

## FAA Annette Island Daily Field Report

Project: Brush Clearing	Date: 110999
Site Name FAA Service Garage, Old Power Plant	Site Number: 55, 62
Weather: Breezy and rainy, heavy at times.	OTM: LDJ
Start Time: 8:15-8:30am	Stop Time: 3:50pm

### Work Completed Today:

Worked on the Service Station site (the one with the floor-mounted hydraulic hoist). No chipping today. All material cut from the service station is being stacked across road at FAA Storage Yard area for later chipping with the other material in the storage yard. This brings the Service Station site 100% complete.

After completing Service Station (Site T on this project), crew moved over to the Old Power Plant (Site F on this project) and continued clearing around the building which was begun on 11/6.

Hauled chipped material from FAA Storage Yard area to Bryant residence.

### Comments:

The crew wants to work on getting the smaller sites dealt with so their completion record improves, hence the effort at the Service Station site.

All MIC offices (including MP&L) are closed 1/2 day for a funeral. However as these crewmembers are not permanent, full-time MP&L employees, they are not entitled to full-day pay and decided to work the full day. Note below David Schwehm, perm/FT, only worked 1/2 day.

### Problems Encountered:

Position:	Employee:
Gen Labr	Glenn Blandov
Gen Labr	Eddie Dunne
Gen Labr	Bob Clark
Gen Labr	David Schwehm, 1/2 day

### Corrective Actions Taken:

### Visitors:

Picture #:	Picture Description:
1	View out apartment window
2	View of apt from float plane dock
3	Closer view of apt from bridge to
4	Apt showing T-Shirt shop in front
5	Old Pwr Plant L side view
6	Old Pwr Plant R side view
7	Old Pwr Plant pipeline from tank

### Equipment Used:

Pickup Trucks: 1

Chainsaws: 2

Safety Gear Sets: 4

Backhoe: 1 (1/2 day)

### Scheduled Work for Tomorrow:

Continue clearing at the FAA Storage Yard.

9527	Area cleared today (SF)
23 hoe	Loads of chips hauled
0	Vehicles removed today
0	Loads of bldg mat'l hauled
0	Batteries recovered today
0	Drums removed today

## FAA Annette Island Daily Field Report

Project: Brush Clearing	Date: 111099
Site Name Old Power Plant	Site Number: 62
Weather: Breezy and rainy	OTM: LDJ
Start Time: 9:30am	Stop Time: 3:00pm

### Work Completed Today:

Continued clearing (no chipping or hauling) at the old power plant site.

### Comments:

Low square footage today due partly to difficult terrain and dense growth around building.

### Problems Encountered:

#### Position:

#### Employee:

Gen Labr

Glenn Blandov

Gen Labr

Eddie Dunne

Gen Labr

Bob Clark

### Corrective Actions Taken:

### Visitors:

#### Picture #:

#### Picture Description:

No pictures taken today.

### Equipment Used:

Pickup Trucks: 1

Chainsaws: 2

Safety Gear Sets: 4

### Scheduled Work for Tomorrow:

Finish clearing at the old power plant site. Still need to clear around pipeline from tank saddles to building.

2300\*

Area cleared today (SF)

0

Loads of chips hauled

0

Vehicles removed today

0

Loads of bldg mat'l hauled

0

Batteries recovered today

0

Drums removed today

\*Estimated

## FAA Annette Island Daily Field Report

Project: Brush Clearing	Date: 111199
Site Name: NA	Site Number: NA
Weather: NICE!	OTM: LDJ
Start Time: NA	Stop Time: NA

### Work Completed Today:

No work on this project today - crew was off for Veteran's Day.

### Comments:

### Problems Encountered:

Position:

Employee:

### Corrective Actions Taken:

### Visitors:

Picture #:

Picture Description:

No pictures taken today.

### Equipment Used:

### Scheduled Work for Tomorrow:

Finish clearing at the old power plant site. Still need to clear around pipeline from tank saddles to building.

0 Area cleared today (SF)

0 Loads of chips hauled

0 Vehicles removed today

0 Loads of bldg mat'l hauled

0 Batteries recovered today

0 Drums removed today



## FAA Annette Island Daily Field Report

Project: Brush Clearing	Date: 111299
Site Name FAA Storage yard	Site Number: 51
Weather: Mostly cloudy, calm short shower in aftrn	OTM: LDJ
Start Time: 8:30am	Stop Time: 3:45pm

### Work Completed Today:

Began work chipping previously cut/stacked material in FAA Storage Yard. Later also cut some material, but focus is on chipping. Also hauling chipped material to Bryant residence, approximately 400 ft away.

### Comments:

Backhoe got a flat tire, and Carl and Dave fixed it.

Problems Encountered:	Position:	Employee:
	Gen Labr	Glenn Blandov
	Gen Labr	Eddie Dunne
	Gen Labr	Bob Clark
	Gen Labr	David Schewhem
	Foreman	Carl Gaube

### Corrective Actions Taken:

Visitors:	Picture #:	Picture Description:
	No pictures taken today.	

### Equipment Used:

Pickup Trucks: 2		
Chainsaws: 2		
Safety Gear Sets: 5		
Backhoe: 1		

### Scheduled Work for Tomorrow:

Return to the FAA storage yard and continue cutting/chipping.		
	2400*	Area cleared today (SF)
	14 hoe	Loads of chips hauled
	0	Vehicles removed today
	0	Loads of bldg mat'l hauled
	0	Batteries recovered today
	0	Drums removed today

\*Estimated

## FAA Annette Island Daily Field Report

Project: Brush Clearing	Date: 111399
Site Name FAA Storage yard	Site Number: 51
Weather: Mostly cloudy, rain heavy at times, high wind advisory	OTM: LDJ
Start Time: 8:30am	Stop Time: 3:45pm

### Work Completed Today:

Began work clearing and hauling/stacking previously cut material in FAA Storage Yard. One crew member cut trees while two hauled and stacked today's felled and previously felled material.

### Comments:

### Problems Encountered:

### Position: Employee:

Gen Labr	Glenn Blandov
Gen Labr	Eddie Dunne
Gen Labr	Bob Clark

### Corrective Actions Taken:

### Visitors:

### Picture #: Picture Description:

No pictures taken today.

### Equipment Used:

Pickup Trucks: 1

Chainsaws: 1

Safety Gear Sets: 3

### Scheduled Work for Tomorrow:

Continue cutting/chipping in the FAA storage yard.

2200*	Area cleared today (SF)
0	Loads of chips hauled
0	Vehicles removed today
0	Loads of bldg mat'l hauled
0	Batteries recovered today
0	Drums removed today

\*Estimated

## FAA Annette Island Daily Field Report

Project: Brush Clearing	Date: 111599
Site Name: FAA Storage yard	Site Number: 51
Weather: Cloudy, rain, high wind advisory	OTM: LDJ
Start Time: 8:30am	Stop Time: 3:30pm

### Work Completed Today:

Work focused on hauling/stacking previously cut material in FAA Storage Yard. Crew members cut small area as well.

### Comments:

Small crew today (two people only). Crew member Bob Clark injured himself over the weekend. MP&L foreman Carl Gaube requisitioned an additional employee through the TERO, scheduled to start tomorrow.

Spoke with Laura Wellington and Paul Brendible (MIC Contracts and Grants) today about the revised schedule they were to provide FAA. They said Jeff Benson was supposed to get the schedule from MP&L. Called Jeff Benson's office; he was out on an emergency callout.

Went over the area remaining to be cut in the FAA storage yard with MP&L foreman Carl Gaube. The area is well-marked with surveyor tape. The crew plans to concentrate on finishing the FAA storage yard and the gas station/personnel garages area while I'm gone. There is plenty of work left to keep them going at these two areas. If, in the unlikely event they finish these areas, the crew plans to begin work on Bldg 100.

### Problems Encountered:

Position:	Employee:
Gen Labr	Glenn Blandov
Gen Labr	Eddie Dunne

### Corrective Actions Taken:

### Visitors:

Picture #:	Picture Description:
1	Inside tank farm after clearing
2	Tank farm after clearing

### Equipment Used:

Pickup Trucks: 1

Chainsaws: 2

Safety Gear Sets: 2

### Scheduled Work for Tomorrow:

Continue cutting, packing and stacking material in the FAA storage yard.

1000*	Area cleared today (SF)
0	Loads of chips hauled
0	Vehicles removed today
0	Loads of bldg mat'l hauled
0	Batteries recovered today
0	Drums removed today

\*Estimated

## FAA Annette Island Daily Field Report

Project: Brush Clearing	Date: 111699
Site Name FAA Storage yard	Site Number: 51
Weather: Cloudy, rain, high wind warning	OTM: LDJ
Start Time 8:30am	Stop Time: 3:30pm
Work Completed Today:	

Worked on cutting, hauling/stacking material in FAA Storage Yard.

### Comments:

Small crew today (two people only). New TERO employee, Bob Nathan started this morning, however, he will only work 1/2 day today.

Spoke with Jeff Benson re: revised schedule from MP&L. He was supposed to have it yesterday, but he said they had not given it to him yet. We agreed he would just fax it up to Russ Collins upon receiving it.

Problems Encountered:	Position:	Employee:
	Gen Labr	Glenn Blandov
	Gen Labr	Eddie Dunne
	Gen Labr	Bob Nathan (1/2 day only)

### Corrective Actions Taken:

### Visitors:

Picture #:	Picture Description:
1	Vehicle carcasses @ Bldg 314
2	Bldg 314 and nearby frmr UST
3	Bldg 314 after clearing
4	Bldg 314 and nearby frmr UST after clearing

### Equipment Used:

Pickup Trucks: 1

Chainsaws: 2

Safety Gear Sets: 3

### Scheduled Work for Tomorrow:

Continue cutting, packing and stacking material in the FAA storage yard.

2400*	Area cleared today (SF)
0	Loads of chips hauled
0	Vehicles removed today
0	Loads of bldg mat'l hauled
0	Batteries recovered today
0	Drums removed today

\*Estimated



## FAA Annette Island Daily Field Report

Project: Brush Clearing	Date: 111899
Site Name: FAA Storage yard	Site Number: 51
Weather: NE*	OTM:
Start Time: NE*	Stop Time: NE*

### Work Completed Today:

Worked on cutting, hauling/stacking material in FAA Storage Yard.

### Comments:

Small crew today (two people only).

### Problems Encountered:

#### Position:

#### Employee:

Gen Labr

Glenn Blandov

Gen Labr

Eddie Dunne

### Corrective Actions Taken:

### Visitors:

#### Picture #:

#### Picture Description:

No pictures taken today.

### Equipment Used:

Pickup Trucks: 1

Chainsaws: 2

Safety Gear Sets: 2

### Scheduled Work for Tomorrow:

Continue cutting, packing and stacking material in the FAA storage yard.

NE\*

Area cleared today (SF)

0

Loads of chips hauled

0

Vehicles removed today

0

Loads of bldg mat'l hauled

0

Batteries recovered today

0

Drums removed today

NE\* = Not evaluated. No OTM on site.

## FAA Annette Island Daily Field Report

Project: Brush Clearing	Date: 111999
Site Name: FAA Storage yard	Site Number: 51
Weather: NE*	OTM:
Start Time: NE*	Stop Time: NE*

Work Completed Today:

Worked on cutting, hauling/stacking material in FAA Storage Yard.

Comments:

Problems Encountered:

Position:

Employee:

Gen Labr

Glenn Blandov

Gen Labr

Eddie Dunne

Gen Labr

Keith Blandov

Corrective Actions Taken:

Visitors:

Picture #:

Picture Description:

No pictures taken today.

Equipment Used:

Pickup Trucks: 1

Chainsaws: 2

Safety Gear Sets: 3

Chipper: 1

Scheduled Work for Tomorrow:

Continue cutting, packing and stacking material in the FAA storage yard.

NE\*

Area cleared today (SF)

0

Loads of chips hauled

0

Vehicles removed today

0

Loads of bldg mat'l hauled

0

Batteries recovered today

0

Drums removed today

NE\* = Not evaluated. No OTM on site.

## FAA Annette Island Daily Field Report

Project: Brush Clearing	Date: 120199
Site Name: FAA Stg yd, Personnel gar, Old pwr plant, NDB area, PA	Site Number: Hangar, 51, 49, 62, 19
Weather: High winds, rain heavy at times. Clear/calm in afn.	OTM: LDJ
Start Time: 8:30am	Stop Time: 3:45pm

### Work Completed Today:

Chipped material that was already cut and stacked in FAA storage yard. Also hauling chipped material from bldg 203 to the Bryant residence, approx 800-900 ft away from the chip pile. Also hauled chipped mat'l from FAA storage yard. Carl Gaube and Frank Taylor went by the NDB, PAA garage, and the Old Power Plant sites, picked up and hauled off the chips.

### Comments:

I met with Laura Wellington and Paul Brendible (MIC Contracts and Grants) this morning and afternoon re: their first invoice and completion status of each site. Also reiterated that the FAA's primary concern is quality of work; and that schedule, although important, is not primary.

I went around to all sites worked on so far and re-evaluated their percent completion in order to produce a new "snap shot" of work completed to date. I discussed with Laura and Paul that I would complete a "snap shot" report at the end of each day and give a copy the following morning to Russ Collins, MIC, and MP&L.

Today's "snap shot" of completion status finds the following sites 100% complete: Sites A, B, C, D, G, J, L, M, N, P, R, T, V, X, Y, and Z (16 sites). The Middle Marker facility and the FAA Gas Station (Sites W and I, respectively, as identified in this contract) are 95% complete, only requiring scant removal of already-cleared material. Sites F, H, and K are all estimated to be 90% complete: they each require a small amount of cutting/chipping/hauling at the site. Site Q, the FAA storage yard, is estimated to be approximately 55% complete. Heavy cutting, chipping, and hauling remain at this site. Work has not begun at the sand shed/asphalt plant, site S.

### Problems Encountered:

Position:	Employee:
Gen Labr	Glenn Blandov
Gen Labr	Eddie Dunne
Gen Labr	Favian Benito
Gen Labr	Keith Blandov
Gen Labr	Frank Taylor
Gen Labr	David Schewhem

### Corrective Actions Taken:

Foreman	Carl Gaube
Gen Labr	Ralph Carmona

### Visitors:

Picture #:	Picture Description:
No pictures taken today	

### Equipment Used:

Pickup Trucks: 3                      Chipper: 1

Chainsaws: 2

Safety Gear Sets: 8

Backhoe: 1

5 CY dump truck: 1

### Scheduled Work for Tomorrow:

Continue cutting, packing, stacking and chipping material in the FAA storage yard.

0	Area cleared today (SF)
12-5CY	Loads of chips hauled
0	Vehicles removed today
0	Loads of bldg mat'l hauled
0	Batteries recovered today
0	Drums removed today

## FAA Annette Island Daily Field Report

Project: Brush Clearing	Date: 120299
Site Name FAA Stg yd, Bldg 219, Old pwr plnt, Middle Marker	Site Number: 51, 62, 24
Weather: Calm, partly sunny, lt rain.	OTM: LDJ
Start Time: 9:15am	Stop Time: 3:45pm

### Work Completed Today:

Worked on clearing and chipping cut material in the FAA Storage Yard. Finalized work remaining at Bldg 219 area. Also finished up work remaining at the Old Power Plant and the Middle Marker facility.

### Comments:

This morning I gave a copy of the 12/1 "snap shot" status report to MP&L and MIC.

I went out to the Sand Shed/Asphalt Plant and was unsuccessful in locating the elusive 25,000 gal tank. Along with Russ Renk's consultation I identified an area which needs to be cleared as it is the probable location of the tank as well as buried drums.

Three new sites have reached 100% completion: the middle marker facility (Site W), the old power plant (Site F), and Bldg 219 in the FAA storage yard area (Site H). The FAA storage yard area has progressed to approximately 60% completion.

Problems Encountered:	Position:	Employee:
	Gen Labr	Glenn Blandov
	Gen Labr	Eddie Dunne
	Gen Labr	Favian Benito
	Gen Labr	Keith Blandov
	Gen Labr	Frank Taylor
	Gen Labr	David Schewhem
Corrective Actions Taken:	Foreman	Carl Gaube
	Gen Labr	Ralph Carmona
Visitors:	Picture #:	Picture Description:
	No pictures taken today	
Equipment Used:		
Pickup Trucks: 3                      Chipper: 1		
Chainsaws: 3		
Safety Gear Sets: 8		
Backhoe: 1		
5 CY dump truck: 1		
Scheduled Work for Tomorrow:		
Continue cutting, packing, stacking and chipping material in the		
FAA storage yard. Also finalize work remaining at the gas station	4500	Area cleared today (SF)
area and Personnel Garage Bldg 203.	11-5CY	Loads of chips hauled
	0	Vehicles removed today
	0	Loads of bldg mat'l hauled
	0	Batteries recovered today
	0	Drums removed today



## FAA Annette Island Daily Field Report

Project: Brush Clearing	Date: 120399
Site Name FAA Storage yard	Site Number: 51
Weather: High winds, heavy rain	OTM: LDJ
Start Time: 9:15am	Stop Time: 3pm

### Work Completed Today:

Working on clearing and hauling/stacking material in the FAA Storage Yard area.

### Comments:

Today is Glenn Blandov's last day on the project.

I went to the sand shed and demarcated the area to be cleared. The sand shed building remains indicate it is not the same building as shown on historic maps. The charred building remains indicate the building's dimensions were approximately 24 x 65 ft.

Extremely inclement weather is hampering progress today.

### Problems Encountered:

#### Position:

#### Employee:

Gen Labr	Glenn Blandov
Gen Labr	Eddie Dunne
Gen Labr	Favian Benito
Gen Labr	Keith Blandov

### Corrective Actions Taken:

### Visitors:

#### Picture #:

#### Picture Description:

No pictures taken today

### Equipment Used:

Pickup Trucks: 2

Chainsaws: 3

Safety Gear Sets: 4

### Scheduled Work for Tomorrow:

Continue cutting, packing, stacking and chipping material in the FAA storage yard. Also finalize work remaining at the gas station area and Personnel Garage Bldg 203.

4200	Area cleared today (SF)
0	Loads of chips hauled
0	Vehicles removed today
0	Loads of bldg mat'l hauled
0	Batteries recovered today
0	Drums removed today

## FAA Annette Island Daily Field Report

Project: Brush Clearing	Date: 120499
Site Name FAA Storage yard	Site Number: 51
Weather: Calm, heavy rain	OTM: LDJ
Start Time: 11am	Stop Time: 3pm

### Work Completed Today:

Working on chipping already hauled/stacked material in the FAA Storage Yard area.

### Comments:

Power outage last evening required crew to work at plant in a.m. and Carl Gaube and Ralph Carmona to work at the plant most of the day.

Problems Encountered:	Position:	Employee:
	Gen Labr	Eddie Dunne
	Gen Labr	Favian Benito
	Gen Labr	Ralph Carmona (1 hr only)
	Foreman	Carl Gaube (1 hr only)

### Corrective Actions Taken:

Visitors:	Picture #:	Picture Description:
	1	Area to clear at the sand shed
	2	Area to clear at the sand shed
	3	FAA Stg Yd at corner fence post
	4	FAA Stg Yd at corner fence post

### Equipment Used:

Pickup Trucks: 2

Chainsaws: 1

Safety Gear Sets: 4

Chipper: 1

### Scheduled Work for Tomorrow:

Clear area demarcated for cutting in the sand shed area.

	0	Area cleared today (SF)
	0	Loads of chips hauled
	0	Vehicles removed today
	0	Loads of bldg mat'l hauled
	0	Batteries recovered today
	0	Drums removed today

## FAA Annette Island Daily Field Report

Project: Brush Clearing	Date: 120699
Site Name Sand Shed/Asphalt Plant	Site Number: 37
Weather: Calm, intermittent rain, snow, hail	OTM: LDJ
Start Time: 8:30am	Stop Time: 3:45pm

### Work Completed Today:

Completed all clearing and most hauling required at the sand shed/asphalt plant, in the area where the 25,000 gal tank is suspected to have been. Today's cleared material was hauled to the MTM landfill and burned.

### Comments:

The crew put in a good hard-working day today, despite several logistics problems such as a flat tire, etc.

### Problems Encountered:

#### Position: Employee:

Gen Labr	Eddie Dunne
Gen Labr	Favian Benito
Gen Labr	Ralph Carmona
Gen Labr	Keith Blandov

### Corrective Actions Taken:

### Visitors:

#### Picture #: Picture Description:

No pictures taken today.

### Equipment Used:

Pickup Trucks: 2

Chainsaws: 3

Safety Gear Sets: 4

### Scheduled Work for Tomorrow:

Pick up and haul off remaining material from sand shed/asphalt plant area, and work in FAA storage yard.

3276	Area cleared today (SF)
8 - PU	Loads of material hauled
0	Vehicles removed today
0	Loads of bldg mat'l hauled
0	Batteries recovered today
0	Drums removed today

## FAA Annette Island Daily Field Report

Project: Brush Clearing	Date: 120799
Site Name FAA Stg Yd, Gas Stn, Pers Grg 203, Sand Shed	Site Number: 51, 49, 37
Weather: Calm, clear, cool in am, rain in aftn	OTM: LDJ
Start Time: 8:45am	Stop Time: 3:45pm

### Work Completed Today:

Cut/packed/stacked/chipped material in the FAA storage yard area.

Hauled off remaining material at sand shed/asphalt plant area, bringing this site to 100% completion.

Picked up all loose material at the gas station, bringing this site to 95% completion. Material is stacked by roadway for chipping and disposal.

Picked up all loose material at personnel garage 203. This site remains at 95% completion, only leaving removal of the material to achieve 100% completion.

### Comments:

Very heavy frost last night made roads extremely slippery (including gravel roads) and the trees slick with icy coating.

MIC has hired workers under their general assistance (GA) program called "Christmas Relief" which provides jobs for members during the Christmas season. The workers are paid (using outside funding) to do odd jobs around town. MP&L requisitioned four of these employees to work on this brush clearing project (at no cost to MP&L).

Problems Encountered:	Position:	Employee:
	Gen Labr	Eddie Dunne
	Gen Labr	Favian Benito
	Gen Labr	Ralph Carmona
	Gen Labr	Keith Blandov
	GA	Mike Dundas
	GA	Jerry Casperson
Corrective Actions Taken:	GA	Larry Shearer
	GA	Thomas Booth

Visitors:	Picture #:	Picture Description:
	No pictures taken today.	

### Equipment Used:

Pickup Trucks: 3

Chainsaws: 3

Safety Gear Sets: 8

Chipper: 1

### Scheduled Work for Tomorrow:

Continue cutting, packing, stacking and chipping material in the FAA storage yard.

	6700	Area cleared today (SF)
	2 - PU	Loads of material hauled
	0	Vehicles removed today
	0	Loads of bldg mat'l hauled
	0	Batteries recovered today
	0	Drums removed today



## FAA Annette Island Daily Field Report

Project: Brush Clearing	Date: 120899
Site Name FAA Stg Yd	Site Number: 51
Weather: High wind warning, rain heavy at times.	OTM: LDJ
Start Time: 8:30am	Stop Time: 3:45pm

### Work Completed Today:

Cut/packed/stacked/chipped material in the FAA storage yard area.

### Comments:

Today's inclement weather hampering productivity.

### Problems Encountered:

#### Position:

#### Employee:

Gen Labr	Eddie Dunne
Gen Labr	Favian Benito
Gen Labr	Ralph Carmona
Gen Labr	Keith Blandov
GA	Mike Dundas
GA	Jerry Caspersen
GA	Larry Shearer
GA	Thomas Booth

### Corrective Actions Taken:

### Visitors:

John Major, TERO rep. (came to check on GA workers)

#### Picture #:

#### Picture Description:

No pictures taken today.

### Equipment Used:

Pickup Trucks: 3

Chainsaws: 3

Safety Gear Sets: 8

Chipper: 1

### Scheduled Work for Tomorrow:

Continue cutting, packing, stacking and chipping material in the FAA storage yard.

6200	Area cleared today (SF)
0	Loads of material hauled
0	Vehicles removed today
0	Loads of bldg mat'l hauled
0	Batteries recovered today
0	Drums removed today

## FAA Annette Island Daily Field Report

Project: Brush Clearing	Date: 120999
Site Name FAA Stg Yd	Site Number: 51
Weather: Calm, lt rain.	OTM: LDJ
Start Time: 9am	Stop Time: 3:30-3:45pm

### Work Completed Today:

Cut, packed, stacked, chipped, and hauled material in the FAA storage yard area.

### Comments:

### Problems Encountered:

### Position:

### Employee:

Gen Labr	Eddie Dunne
Gen Labr	Favian Benito
Gen Labr	Ralph Carmona
Gen Labr	Keith Blandov
GA	Mike Dundas
GA	Larry Shearer
GA	Thomas Booth

### Corrective Actions Taken:

Gen Labr	Frank Taylor
Gen Labr	David Schewhem

### Visitors:

John Hayward, MP&L  
Carl Gaube, MP&L  
Floyd Russel, MP&L

### Picture #:

### Picture Description:

No pictures taken today.

### Equipment Used:

Pickup Trucks: 3                      Backhoe: 1  
Chainsaws: 3  
Safety Gear Sets: 9  
Chipper: 1  
5-CY Dump Truck: 1

### Scheduled Work for Tomorrow:

Continue cutting, packing, stacking and chipping material in the FAA storage yard.

6500	Area cleared today (SF)
9 - 5CY	Loads of chips hauled
0	Vehicles removed today
0	Loads of bldg mat'l hauled
0	Batteries recovered today
0	Drums removed today

## FAA Annette Island Daily Field Report

Project: Brush Clearing	Date: 121099
Site Name: FAA Stg Yd	Site Number: 51
Weather: Breezy, incessant rain.	OTM: LDJ
Start Time: 9:30am	Stop Time: 3:30pm

### Work Completed Today:

Cut, packed, stacked, and chipped material in the FAA storage yard area.

### Comments:

### Problems Encountered:

Chipper experiencing technical difficulties - keeps slipping out of gear.

### Position:

### Employee:

Gen Labr	Eddie Dunne
Gen Labr	Favian Benito
Gen Labr	Ralph Carmona
Gen Labr	Keith Blandov
GA	Mike Dundas
GA	Larry Shearer
GA	Thomas Booth
GA	Jerry Caspersen

### Corrective Actions Taken:

Chipper parts brought out/replaced after lunch.

### Visitors:

John Major, TERO representative

### Picture #:

### Picture Description:

No pictures taken today.

### Equipment Used:

Pickup Trucks: 3

Chainsaws: 3

Safety Gear Sets: 8

Chipper: 1

### Scheduled Work for Tomorrow:

Continue cutting, packing, stacking and chipping material in the FAA storage yard.

4200	Area cleared today (SF)
0	Loads of chips hauled
0	Vehicles removed today
0	Loads of bldg mat'l hauled
0	Batteries recovered today
0	Drums removed today

## FAA Annette Island Daily Field Report

Project: Brush Clearing	Date: 121399
Site Name: FAA Stg Yd	Site Number: 51
Weather: Breezy, heavy snow	OTM: LDJ
Start Time: 9:30am	Stop Time: 3:45pm

### Work Completed Today:

Cut, packed, stacked, and chipped material in the FAA storage yard area.

### Comments:

Heavy snow (4-5") is hampering progress - crew members can't see the previously felled material which needs to be picked up, nor can they see the obstacles (debris, branches, etc.) to be avoided in walking about the site. Progress will be very slow this week due to weather.

### Problems Encountered:

#### Position:

#### Employee:

Gen Labr	Eddie Dunne
Gen Labr	Favian Benito
Gen Labr	Ralph Carmona
Gen Labr	Keith Blandov
GA	Mike Dundas
GA	Thomas Booth

### Corrective Actions Taken:

### Visitors:

John Major, TERO representative

#### Picture #:

#### Picture Description:

No pictures taken today.

### Equipment Used:

Pickup Trucks: 2

Chainsaws: 3

Safety Gear Sets: 6

Chipper: 1

### Scheduled Work for Tomorrow:

Continue cutting, packing, stacking and chipping material in the FAA storage yard.

1200	Area cleared today (SF)
0	Loads of chips hauled
0	Vehicles removed today
0	Loads of bldg mat'l hauled
0	Batteries recovered today
0	Drums removed today



## FAA Annette Island Daily Field Report

Project: Brush Clearing	Date: 121499
Site Name: FAA Stg Yd, Gas Stn, Personnel Garage 203	Site Number: 51 and 49
Weather: Calm, heavy snow intermixed with partly sunny	OTM: LDJ
Start Time: 9:30am	Stop Time: 3:45pm

### Work Completed Today:

Cut, packed, stacked, and chipped material in the FAA storage yard area. Also picked up and hauled off material stacked up at gas station and personnel garage sites.

### Comments:

Heavy snow (4-5") still hampering progress - crew members can't see the previously felled material which needs to be picked up, nor can they see the obstacles (debris, branches, etc.) to be avoided in walking about the site. Progress will be very slow this week due to weather.

<b>Problems Encountered:</b>	<b>Position:</b>	<b>Employee:</b>
	Gen Labr	Eddie Dunne
	Gen Labr	Favian Benito
	Gen Labr	Ralph Carmona - 11am
	Gen Labr	Keith Blandov
	GA	Mike Dundas - 11am
<b>Corrective Actions Taken:</b>		
<b>Visitors:</b>	<b>Picture #:</b>	<b>Picture Description:</b>
	No pictures taken today.	
<b>Equipment Used:</b>		
Pickup Trucks: 2 (one after 11am only)		
Chainsaws: 2		
Safety Gear Sets: 5		
Chipper: 1		
<b>Scheduled Work for Tomorrow:</b>		
Continue packing, stacking and chipping material in the FAA storage yard.		
	1100	Area cleared today (SF)
	4 PU	Loads of material hauled
	0	Vehicles removed today
	0	Loads of bldg mat'l hauled
	0	Batteries recovered today
	0	Drums removed today

## FAA Annette Island Daily Field Report

Project: Brush Clearing	Date: 121599
Site Name: FAA Stg Yd	Site Number: 51
Weather: High winds, heavy rain	OTM: LDJ
Start Time: 9:30am	Stop Time: 3:30pm

Work Completed Today:

Packed, stacked, and chipped material in the FAA storage yard area.

Comments:

Problems Encountered:

Position:

Employee:

Gen Labr

Eddie Dunne

Gen Labr

Favian Benito

Gen Labr

Ralph Carmona

Gen Labr

Keith Blandov

GA

Mike Dundas

GA

Thomas Booth

Corrective Actions Taken:

Visitors:

John Major, TERO rep.

Picture #:

Picture Description:

No pictures taken today.

Equipment Used:

Pickup Trucks: 2

Chainsaws: 2

Safety Gear Sets: 6

Chipper: 1

Scheduled Work for Tomorrow:

Continue packing, stacking and chipping material in the

FAA storage yard.

0

Area cleared today (SF)

0

Loads of material hauled

0

Vehicles removed today

0

Loads of bldg mat'l hauled

0

Batteries recovered today

0

Drums removed today

## FAA Annette Island Daily Field Report

Project: Brush Clearing	Date: 121699
Site Name FAA Stg Yd	Site Number: 51
Weather: Cloudy, rainy	OTM: LDJ
Start Time: 9:30am	Stop Time: 3:30pm

### Work Completed Today:

Worked on hauling, stacking, and chipping material in the FAA storage yard. Also using backhoe to haul log lengths from interior of storage yard to outer perimeter.

### Comments:

### Problems Encountered:

Position:	Employee:
Gen Labr	Eddie Dunne
Gen Labr	Favian Benito
Gen Labr	Ralph Carmona
Gen Labr	Keith Blandov
GA	Mike Dundas, 1/2 day
GA	Thomas Booth

### Corrective Actions Taken:

### Visitors:

John Major, TERO rep.

Picture #:	Picture Description:
Approx 30	pics taken today, showing completion at various sites.

### Equipment Used:

Pickup Trucks: 2

Chainsaws: 2

Safety Gear Sets: 6

Chipper: 1

Backhoe: 1

### Scheduled Work for Tomorrow:

Move log lengths stacked in site interior out to roadways and haul away chipped material. Site is scheduled for 100% completion tomorrow.

0	Area cleared today (SF)
16 Hoe	Loads of material hauled
0	Vehicles removed today
0	Loads of bldg mat'l hauled
0	Batteries recovered today
0	Drums removed today